

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054467.D
 Acq On : 20 Mar 2019 16:55
 Operator : JC/SP
 Sample : VN0320MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 3:50:49 PM

Quant Time: Mar 22 04:39:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	520034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	854624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	730871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	314662	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	348036	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
35) Dibromofluoromethane	7.59	113	275616	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	10.09	98	1038220	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.40	95	344724	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	105329	21.187	ug/l	100
3) Chloromethane	2.06	50	144956	21.431	ug/l	100
4) Vinyl Chloride	2.19	62	144991	21.350	ug/l	96
5) Bromomethane	2.58	94	88434	20.139	ug/l	99
6) Chloroethane	2.71	64	83445	20.486	ug/l	99
7) Trichlorofluoromethane	3.02	101	174524	21.162	ug/l	97
8) Diethyl Ether	3.41	74	64787	20.426	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	3.75	101	96758	19.963	ug/l	97
10) Methyl Iodide	3.95	142	136370	19.127	ug/l	94
11) Tert butyl alcohol	4.82	59	38511	98.340	ug/l	96
12) 1,1-Dichloroethene	3.73	96	100064	19.949	ug/l	87
13) Acrolein	3.61	56	56476	104.503	ug/l	96
14) Allyl chloride	4.32	41	188359	19.942	ug/l #	93
15) Acrylonitrile	4.99	53	202467	103.819	ug/l	98
16) Acetone	3.82	43	171741	88.311	ug/l	88
17) Carbon Disulfide	4.04	76	250962	18.673	ug/l	98
18) Methyl Acetate	4.33	43	88973	20.526	ug/l #	70
19) Methyl tert-butyl Ether	5.05	73	308011	21.041	ug/l	97
20) Methylene Chloride	4.54	84	117282	20.459	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	106770	20.846	ug/l #	84
22) Diisopropyl ether	5.96	45	392258	21.054	ug/l #	95
23) Vinyl Acetate	5.90	43	1395232	106.035	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	210481	20.982	ug/l	98
25) 2-Butanone	6.85	43	256865	103.109	ug/l	91
26) 2,2-Dichloropropane	6.82	77	135450	18.942	ug/l	76
27) cis-1,2-Dichloroethene	6.83	96	126085	20.639	ug/l	89
28) Bromochloromethane	7.20	49	102445	20.748	ug/l #	77
29) Tetrahydrofuran	7.22	42	177393	109.731	ug/l #	86
30) Chloroform	7.37	83	205335	20.975	ug/l	97
31) Cyclohexane	7.65	56	209113	20.666	ug/l	89
32) 1,1,1-Trichloroethane	7.57	97	171013	21.174	ug/l	96
36) 1,1-Dichloropropene	7.79	75	155428	19.451	ug/l	96
37) Ethyl Acetate	6.94	43	113063	19.894	ug/l	98
38) Carbon Tetrachloride	7.77	117	148158	19.080	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054467.D
 Acq On : 20 Mar 2019 16:55
 Operator : JC/SP
 Sample : VN0320MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0320MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 3:50:49 PM

Quant Time: Mar 22 04:39:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	174196	19.057	ug/l	88
40) Benzene	8.04	78	458296	20.057	ug/l	99
41) Methacrylonitrile	7.18	41	57715	16.652	ug/l	92
42) 1,2-Dichloroethane	8.13	62	164547	19.774	ug/l	97
43) Isopropyl Acetate	8.17	43	189997	19.795	ug/l	96
44) Trichloroethene	8.84	130	121125	19.066	ug/l	92
45) 1,2-Dichloropropane	9.12	63	126322	20.588	ug/l	98
46) Dibromomethane	9.21	93	75933	20.744	ug/l	90
47) Bromodichloromethane	9.40	83	150221	19.775	ug/l	98
48) Methyl methacrylate	9.20	41	101455	19.475	ug/l	89
49) 1,4-Dioxane	9.21	88	23537	404.134	ug/l #	89
51) 4-Methyl-2-Pentanone	9.99	43	547848	102.990	ug/l	94
52) Toluene	10.16	92	275405	19.596	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	134780	18.300	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	168512	19.346	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	100505	19.895	ug/l	95
56) Ethyl methacrylate	10.43	69	131780	19.435	ug/l #	85
57) 1,3-Dichloropropane	10.71	76	181060	20.618	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	264668	94.792	ug/l	93
59) 2-Hexanone	10.75	43	337901	97.249	ug/l	93
60) Dibromochloromethane	10.90	129	103604	19.273	ug/l	99
61) 1,2-Dibromoethane	11.01	107	98596	19.741	ug/l	98
64) Tetrachloroethene	10.63	164	117204	19.333	ug/l	93
65) Chlorobenzene	11.43	112	291598	19.616	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	106193	19.903	ug/l	99
67) Ethyl Benzene	11.51	91	518658	19.752	ug/l	100
68) m/p-Xylenes	11.62	106	393977	39.612	ug/l	98
69) o-Xylene	11.95	106	195070	20.083	ug/l	99
70) Styrene	11.96	104	313908	19.901	ug/l	98
71) Bromoform	12.13	173	62438	18.441	ug/l #	99
73) Isopropylbenzene	12.25	105	510537	20.135	ug/l	97
74) N-amyl acetate	12.07	43	151376	20.763	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	119004	20.560	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	112111m	22.453	ug/l	
77) Bromobenzene	12.53	156	123705	19.671	ug/l	89
78) n-propylbenzene	12.59	91	542903	19.745	ug/l	98
79) 2-Chlorotoluene	12.67	91	334833	19.529	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	415434	19.991	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21511	17.081	ug/l #	73
82) 4-Chlorotoluene	12.77	91	325906	19.610	ug/l	96
83) tert-Butylbenzene	12.99	119	362854	20.059	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	410502	20.131	ug/l	97
85) sec-Butylbenzene	13.17	105	447996	19.867	ug/l	97
86) p-Isopropyltoluene	13.29	119	397704	19.713	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	201864	19.370	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	195826	19.313	ug/l	97
89) n-Butylbenzene	13.62	91	303215	19.221	ug/l	98
90) Hexachloroethane	13.87	117	59575	19.024	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	202713	20.083	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16907	19.914	ug/l	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
Data File : VN054467.D
Acq On : 20 Mar 2019 16:55
Operator : JC/SP
Sample : VN0320MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01

Manual Integrations
APPROVED

MMDadoda
3/22/2019 3:50:49 PM

Quant Time: Mar 22 04:39:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	93454	18.572	ug/l	100
94) Hexachlorobutadiene	15.01	225	60614	19.950	ug/l	99
95) Naphthalene	15.13	128	211386	18.834	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	94872	18.944	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032019\
Data File : VN054467.D
Acq On : 20 Mar 2019 16:55
Operator : JC/SP
Sample : VN0320MBS01
Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VN0320MBS01

Manual Integrations
APPROVED

MMDadoda
3/22/2019 3:50:49 PM

Quant Time: Mar 22 04:39:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

