

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054667.D
 Acq On : 25 Mar 2019 12:48
 Operator : JC/SP
 Sample : VN0325MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 12:32:57 PM

Quant Time: Mar 26 01:59:56 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	404100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	682309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	584715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	251485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	281595	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
35) Dibromofluoromethane	7.59	113	221389	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.09	98	811364	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	273244	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	87704	22.703	ug/l	99
3) Chloromethane	2.06	50	119554	22.746	ug/l	98
4) Vinyl Chloride	2.19	62	109123	20.679	ug/l	98
5) Bromomethane	2.57	94	64104	18.786	ug/l	90
6) Chloroethane	2.71	64	60166	19.009	ug/l	96
7) Trichlorofluoromethane	3.03	101	138600	21.627	ug/l	98
8) Diethyl Ether	3.41	74	47179	19.142	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	3.75	101	70783	18.794	ug/l	95
10) Methyl Iodide	3.95	142	100321	18.108	ug/l	90
11) Tert butyl alcohol	4.82	59	32690	107.424	ug/l #	93
12) 1,1-Dichloroethene	3.73	96	68308	17.525	ug/l #	74
13) Acrolein	3.61	56	39712	94.564	ug/l	99
14) Allyl chloride	4.32	41	163763	22.312	ug/l #	93
15) Acrylonitrile	5.00	53	183035	120.782	ug/l	99
16) Acetone	3.82	43	147398	97.538	ug/l #	82
17) Carbon Disulfide	4.04	76	180834	17.315	ug/l	99
18) Methyl Acetate	4.33	43	82689	24.550	ug/l #	89
19) Methyl tert-butyl Ether	5.06	73	261417	22.981	ug/l	94
20) Methylene Chloride	4.55	84	96429	21.647	ug/l #	81
21) trans-1,2-Dichloroethene	5.04	96	87695	22.034	ug/l #	83
22) Diisopropyl ether	5.96	45	346298	23.920	ug/l #	94
23) Vinyl Acetate	5.90	43	1210439	118.383	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	180691	23.180	ug/l	97
25) 2-Butanone	6.85	43	231428	119.551	ug/l #	85
26) 2,2-Dichloropropane	6.82	77	119999	21.596	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	104438	22.000	ug/l	88
28) Bromochloromethane	7.20	49	94905	24.735	ug/l #	72
29) Tetrahydrofuran	7.22	42	157103	125.060	ug/l #	83
30) Chloroform	7.37	83	176622	23.218	ug/l	98
31) Cyclohexane	7.65	56	175903	22.530	ug/l #	84
32) 1,1,1-Trichloroethane	7.57	97	138164	22.015	ug/l	94
36) 1,1-Dichloropropene	7.79	75	130232	20.414	ug/l	96
37) Ethyl Acetate	6.94	43	102715	22.637	ug/l	94
38) Carbon Tetrachloride	7.77	117	117128	18.893	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054667.D
 Acq On : 25 Mar 2019 12:48
 Operator : JC/SP
 Sample : VN0325MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0325MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 12:32:57 PM

Quant Time: Mar 26 01:59:56 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	141066	19.330	ug/l #	87
40) Benzene	8.04	78	386827	21.204	ug/l	98
41) Methacrylonitrile	7.18	41	60390	21.824	ug/l	90
42) 1,2-Dichloroethane	8.12	62	139938	21.063	ug/l	98
43) Isopropyl Acetate	8.17	43	170517	22.252	ug/l #	91
44) Trichloroethene	8.83	130	103074	20.323	ug/l	96
45) 1,2-Dichloropropane	9.12	63	109565	22.367	ug/l	100
46) Dibromomethane	9.21	93	62815	21.494	ug/l	88
47) Bromodichloromethane	9.40	83	125728	20.730	ug/l	98
48) Methyl methacrylate	9.20	41	87159	20.956	ug/l	88
49) 1,4-Dioxane	9.20	88	19490	419.160	ug/l #	82
51) 4-Methyl-2-Pentanone	9.99	43	476747	112.258	ug/l	94
52) Toluene	10.16	92	230818	20.571	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	111859	18.935	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	141362	20.328	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	86620	21.476	ug/l	95
56) Ethyl methacrylate	10.43	69	110998	20.504	ug/l #	82
57) 1,3-Dichloropropane	10.71	76	152224	21.712	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	191121	85.737	ug/l #	88
59) 2-Hexanone	10.75	43	301393	108.648	ug/l	91
60) Dibromochloromethane	10.90	129	85070	19.822	ug/l	98
61) 1,2-Dibromoethane	11.01	107	83071	20.834	ug/l	99
64) Tetrachloroethene	10.63	164	99188	20.451	ug/l	95
65) Chlorobenzene	11.43	112	243864	20.506	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	88398	20.709	ug/l	98
67) Ethyl Benzene	11.51	91	437398	20.821	ug/l	98
68) m/p-Xylenes	11.62	106	322189	40.491	ug/l	95
69) o-Xylene	11.95	106	157171	20.226	ug/l	95
70) Styrene	11.96	104	257838	20.432	ug/l	96
71) Bromoform	12.13	173	50525	18.627	ug/l #	100
73) Isopropylbenzene	12.25	105	419537	20.702	ug/l	99
74) N-amyl acetate	12.07	43	131918	22.639	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.50	83	104062	22.495	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	90680m	22.723	ug/l	
77) Bromobenzene	12.53	156	107521	21.393	ug/l	89
78) n-propylbenzene	12.59	91	460877	20.973	ug/l	97
79) 2-Chlorotoluene	12.67	91	282892	20.644	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	341700	20.573	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	19042	18.578	ug/l #	76
82) 4-Chlorotoluene	12.77	91	274240	20.646	ug/l	94
83) tert-Butylbenzene	12.99	119	296420	20.503	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	331222	20.324	ug/l	98
85) sec-Butylbenzene	13.17	105	371783	20.629	ug/l	97
86) p-Isopropyltoluene	13.29	119	328700	20.386	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	167393	20.098	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	157841	19.477	ug/l	96
89) n-Butylbenzene	13.61	91	251328	19.935	ug/l	98
90) Hexachloroethane	13.88	117	49023	19.587	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	168343	20.867	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13701	20.192	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
Data File : VN054667.D
Acq On : 25 Mar 2019 12:48
Operator : JC/SP
Sample : VN0325MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0325MBS01

Manual Integrations
APPROVED

MMDadoda
3/26/2019 12:32:57 PM

Quant Time: Mar 26 01:59:56 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	75684	18.819	ug/l	99
94) Hexachlorobutadiene	15.01	225	52198	21.698	ug/l	99
95) Naphthalene	15.13	128	186709	20.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	79808	19.939	ug/l	97

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

