

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055439.D
 Acq On : 7 May 2019 15:54
 Operator : JC/SP
 Sample : VN0507MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0507MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 10:22:11 AM

Quant Time: May 07 16:59:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	341994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	563727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	473059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	237014	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
35) Dibromofluoromethane	7.59	113	180549	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.09	98	638993	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	12.40	95	214654	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	78265	18.678	ug/l	98
3) Chloromethane	2.06	50	86865	16.742	ug/l	99
4) Vinyl Chloride	2.19	62	75522	18.057	ug/l	99
5) Bromomethane	2.56	94	42664	19.258	ug/l	96
6) Chloroethane	2.71	64	42180	18.617	ug/l	90
7) Trichlorofluoromethane	3.02	101	117168	19.702	ug/l	96
8) Diethyl Ether	3.42	74	45509	21.872	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	69362	19.586	ug/l	99
10) Methyl Iodide	3.96	142	92390	18.537	ug/l	100
11) Tert butyl alcohol	4.79	59	35015	136.696	ug/l	99
12) 1,1-Dichloroethene	3.74	96	65675	19.440	ug/l	97
13) Acrolein	3.61	56	12352	61.746	ug/l	100
14) Allyl chloride	4.33	41	142082	20.307	ug/l	99
15) Acrylonitrile	5.00	53	175582	121.949	ug/l	99
16) Acetone	3.82	43	141197	101.285	ug/l	98
17) Carbon Disulfide	4.06	76	137976	15.650	ug/l	98
18) Methyl Acetate	4.33	43	94392	27.326	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	222292	23.406	ug/l	98
20) Methylene Chloride	4.55	84	81588	19.174	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	69096	19.312	ug/l	98
22) Diisopropyl ether	5.96	45	310322	22.322	ug/l	98
23) Vinyl Acetate	5.90	43	1049992	115.239	ug/l	99
24) 1,1-Dichloroethane	5.85	63	153723	20.753	ug/l	98
25) 2-Butanone	6.84	43	216402	121.382	ug/l	99
26) 2,2-Dichloropropane	6.83	77	97452	19.052	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	86122	21.167	ug/l	99
28) Bromochloromethane	7.20	49	76734	20.552	ug/l	99
29) Tetrahydrofuran	7.22	42	150389	131.737	ug/l	98
30) Chloroform	7.37	83	149798	21.334	ug/l	99
31) Cyclohexane	7.65	56	136084	19.337	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	117471	20.613	ug/l	99
36) 1,1-Dichloropropene	7.80	75	99490	18.425	ug/l	99
37) Ethyl Acetate	6.93	43	97702	23.609	ug/l	100
38) Carbon Tetrachloride	7.77	117	96315	18.491	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055439.D
 Acq On : 7 May 2019 15:54
 Operator : JC/SP
 Sample : VN0507MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0507MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 10:22:11 AM

Quant Time: May 07 16:59:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	111196	19.369	ug/l	99
40) Benzene	8.04	78	317695	19.959	ug/l	100
41) Methacrylonitrile	7.17	41	52632	23.891	ug/l	95
42) 1,2-Dichloroethane	8.13	62	116305	20.630	ug/l	99
43) Isopropyl Acetate	8.17	43	163833	24.634	ug/l #	90
44) Trichloroethene	8.84	130	78361	19.311	ug/l	99
45) 1,2-Dichloropropane	9.12	63	92840	20.222	ug/l	98
46) Dibromomethane	9.21	93	51741	20.619	ug/l	98
47) Bromodichloromethane	9.40	83	110050	20.442	ug/l	97
48) Methyl methacrylate	9.20	41	77198	23.612	ug/l	98
49) 1,4-Dioxane	9.21	88	16895	499.891	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	462442	123.503	ug/l	99
52) Toluene	10.16	92	179853	19.692	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	95927	20.526	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	117601	20.183	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	74220	21.884	ug/l	98
56) Ethyl methacrylate	10.43	69	96656	23.154	ug/l	100
57) 1,3-Dichloropropane	10.71	76	126040	21.184	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	98935	84.982	ug/l	100
59) 2-Hexanone	10.75	43	295949	126.322	ug/l	97
60) Dibromochloromethane	10.90	129	73228	21.126	ug/l	98
61) 1,2-Dibromoethane	11.01	107	67174	21.429	ug/l	99
64) Tetrachloroethene	10.63	164	79325	20.505	ug/l	99
65) Chlorobenzene	11.43	112	184193	19.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	73560	20.312	ug/l	98
67) Ethyl Benzene	11.51	91	339503	20.327	ug/l	98
68) m/p-Xylenes	11.62	106	239918	40.244	ug/l	100
69) o-Xylene	11.95	106	121626	20.584	ug/l	100
70) Styrene	11.96	104	193728	21.353	ug/l	99
71) Bromoform	12.13	173	43859	21.825	ug/l #	97
73) Isopropylbenzene	12.25	105	332395	20.957	ug/l	100
74) N-amyl acetate	12.07	43	109100	23.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	92204	23.720	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	76293m	20.932	ug/l	
77) Bromobenzene	12.53	156	76378	20.547	ug/l	95
78) n-propylbenzene	12.59	91	363426	19.305	ug/l	99
79) 2-Chlorotoluene	12.67	91	225971	21.218	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	276666	19.256	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20212	20.900	ug/l	92
82) 4-Chlorotoluene	12.77	91	208496	19.048	ug/l	97
83) tert-Butylbenzene	12.99	119	246324	22.628	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	266714	20.756	ug/l	100
85) sec-Butylbenzene	13.17	105	317562	20.335	ug/l	100
86) p-Isopropyltoluene	13.29	119	264561	20.612	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	121123	19.750	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	117741	20.387	ug/l	99
89) n-Butylbenzene	13.61	91	188363	20.652	ug/l	100
90) Hexachloroethane	13.87	117	44735	21.101	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	126097	20.745	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13867	28.760	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
Data File : VN055439.D
Acq On : 7 May 2019 15:54
Operator : JC/SP
Sample : VN0507MBSD01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0507MBSD01

Manual Integrations
APPROVED

MMDadoda
5/8/2019 10:22:11 AM

Quant Time: May 07 16:59:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	41404	19.445	ug/l	97
94) Hexachlorobutadiene	15.01	225	48056	24.867	ug/l	98
95) Naphthalene	15.13	128	85080	18.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	45045	20.703	ug/l	100

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

