

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055049.D
 Acq On : 15 Apr 2019 18:15
 Operator : JC/SP
 Sample : K2241-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 2:06:00 PM

Quant Time: Apr 17 13:58:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 13:52:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	377333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	632898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	542935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	171331	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	266062	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	
35) Dibromofluoromethane	7.59	113	213146	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
50) Toluene-d8	10.09	98	763941	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.40	95	228639	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	2767	0.645	ug/l	99
3) Chloromethane	2.06	50	3764	0.673	ug/l	93
4) Vinyl Chloride	2.19	62	2666	0.567	ug/l	90
5) Bromomethane	2.55	94	2437	0.916	ug/l	93
6) Chloroethane	2.69	64	2078	0.820	ug/l #	87
7) Trichlorofluoromethane	3.02	101	4026	0.685	ug/l #	80
8) Diethyl Ether	3.41	74	1226	0.653	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	3.75	101	2064	0.671	ug/l	92
10) Methyl Iodide	3.94	142	13569	2.842	ug/l	95
11) Tert butyl alcohol	4.82	59	3709m	13.491	ug/l	
12) 1,1-Dichloroethene	3.73	96	2137	0.714	ug/l #	65
13) Acrolein	3.60	56	5688	16.738	ug/l	94
14) Allyl chloride	4.31	41	4120m	0.562	ug/l	
15) Acrylonitrile	4.99	53	5010	3.046	ug/l #	56
16) Acetone	3.82	43	4357	3.201	ug/l	99
17) Carbon Disulfide	4.04	76	5890	0.609	ug/l #	75
18) Methyl Acetate	4.33	43	5074	1.162	ug/l #	80
19) Methyl tert-butyl Ether	5.05	73	6761m	0.631	ug/l	
20) Methylene Chloride	4.55	84	4181	0.874	ug/l #	84
21) trans-1,2-Dichloroethene	5.03	96	2324	0.574	ug/l #	71
22) Diisopropyl ether	5.97	45	8685	0.576	ug/l #	84
23) Vinyl Acetate	5.91	43	26809	2.691	ug/l	96
24) 1,1-Dichloroethane	5.84	63	5003	0.623	ug/l #	85
25) 2-Butanone	6.85	43	6396m	3.148	ug/l	
26) 2,2-Dichloropropane	6.82	77	3044	0.601	ug/l #	65
27) cis-1,2-Dichloroethene	6.82	96	3222	0.703	ug/l	87
28) Bromochloromethane	7.19	49	2457	0.635	ug/l #	92
29) Tetrahydrofuran	7.23	42	4817	3.615	ug/l #	76
30) Chloroform	7.37	83	5115	0.656	ug/l	93
31) Cyclohexane	7.66	56	12292	1.407	ug/l #	39
32) 1,1,1-Trichloroethane	7.56	97	3447	0.558	ug/l #	43
36) 1,1-Dichloropropene	7.79	75	3173	0.532	ug/l	99
37) Ethyl Acetate	6.94	43	1602m	0.330	ug/l	
38) Carbon Tetrachloride	7.77	117	3196	0.563	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055049.D
 Acq On : 15 Apr 2019 18:15
 Operator : JC/SP
 Sample : K2241-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 2:06:00 PM

Quant Time: Apr 17 13:58:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 13:52:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	3836	0.593	ug/l	94
40) Benzene	8.04	78	10862	0.604	ug/l	95
41) Methacrylonitrile	7.18	41	1553	0.576	ug/l #	42
42) 1,2-Dichloroethane	8.12	62	4604	0.737	ug/l	88
43) Isopropyl Acetate	8.17	43	4712	0.630	ug/l #	68
44) Trichloroethene	8.83	130	2497	0.554	ug/l	94
45) 1,2-Dichloropropane	9.12	63	2827	0.564	ug/l	93
46) Dibromomethane	9.21	93	1700	0.596	ug/l	88
47) Bromodichloromethane	9.40	83	3359	0.571	ug/l #	95
48) Methyl methacrylate	9.20	41	3215	0.867	ug/l #	79
49) 1,4-Dioxane	9.20	88	102	2.935	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	12038	2.784	ug/l	99
52) Toluene	10.16	92	6822	0.662	ug/l	92
53) t-1,3-Dichloropropene	10.39	75	2406	0.468	ug/l #	79
54) cis-1,3-Dichloropropene	9.84	75	3208	0.503	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	2450	0.617	ug/l	91
56) Ethyl methacrylate	10.43	69	2774	0.583	ug/l #	75
57) 1,3-Dichloropropane	10.71	76	4159	0.616	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	3953	2.250	ug/l #	88
59) 2-Hexanone	10.75	43	8246	3.036	ug/l	90
60) Dibromochloromethane	10.89	129	2092m	0.540	ug/l	
61) 1,2-Dibromoethane	11.00	107	1996	0.547	ug/l	94
64) Tetrachloroethene	10.63	164	2702	0.612	ug/l	87
65) Chlorobenzene	11.43	112	6471	0.592	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	1945	0.484	ug/l #	53
67) Ethyl Benzene	11.51	91	11427	0.585	ug/l	93
68) m/p-Xylenes	11.62	106	7774	1.100	ug/l	98
69) o-Xylene	11.94	106	4049	0.592	ug/l	97
70) Styrene	11.97	104	6292	0.568	ug/l	96
71) Bromoform	12.13	173	1255	0.545	ug/l #	81
73) Isopropylbenzene	12.25	105	9927	0.653	ug/l	98
74) N-amyl acetate	12.07	43	2014	0.471	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.51	83	2847	0.700	ug/l #	84
76) 1,2,3-Trichloropropane	12.55	75	1955m	0.635	ug/l	
77) Bromobenzene	12.53	156	2859	0.754	ug/l	88
78) n-propylbenzene	12.59	91	10362	0.631	ug/l	95
79) 2-Chlorotoluene	12.68	91	7071	0.690	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	7467	0.609	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.30	75	440m	0.571	ug/l	
82) 4-Chlorotoluene	12.78	91	7393	0.773	ug/l	81
83) tert-Butylbenzene	12.99	119	7485	0.722	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	7112	0.612	ug/l	97
85) sec-Butylbenzene	13.17	105	8590	0.651	ug/l	96
86) p-Isopropyltoluene	13.29	119	6944	0.613	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	3561	0.618	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	3775m	0.687	ug/l	
89) n-Butylbenzene	13.61	91	4660	0.554	ug/l	96
90) Hexachloroethane	13.87	117	1029	0.558	ug/l #	42
91) 1,2-Dichlorobenzene	13.65	146	3482	0.601	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	14.26	75	216	0.431	ug/l	63

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
Data File : VN055049.D
Acq On : 15 Apr 2019 18:15
Operator : JC/SP
Sample : K2241-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Manual Integrations
APPROVED

MMDadoda
4/17/2019 2:06:00 PM

Quant Time: Apr 17 13:58:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 13:52:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1659	0.752	ug/l #	74
94) Hexachlorobutadiene	15.01	225	1478	0.826	ug/l	92
95) Naphthalene	15.13	128	3056	0.623	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.32	180	1703	0.762	ug/l #	89

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

