

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051419\
 Data File : VN055595.D
 Acq On : 14 May 2019 15:51
 Operator : JC/SP
 Sample : VN0514WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/16/2019 1:32:03 PM

Quant Time: May 15 07:55:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051419W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 07:28:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	708848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1218500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1050333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	399913	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	509587	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	7.59	113	404740	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	10.09	98	1563036	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.40	95	497237	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	140989	19.490	ug/l	97
3) Chloromethane	2.06	50	218711	19.434	ug/l	99
4) Vinyl Chloride	2.18	62	213784	19.490	ug/l	99
5) Bromomethane	2.55	94	131611	20.544	ug/l	95
6) Chloroethane	2.69	64	130359	19.607	ug/l	99
7) Trichlorofluoromethane	3.01	101	242929	19.870	ug/l	97
8) Diethyl Ether	3.41	74	107974	19.766	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	156477	20.331	ug/l	99
10) Methyl Iodide	3.95	142	198870	20.266	ug/l	99
11) Tert butyl alcohol	4.80	59	129666	101.922	ug/l	98
12) 1,1-Dichloroethene	3.73	96	155753	20.210	ug/l	100
13) Acrolein	3.61	56	124943	97.883	ug/l	98
14) Allyl chloride	4.32	41	301526	20.308	ug/l	99
15) Acrylonitrile	4.99	53	437199	102.338	ug/l	98
16) Acetone	3.82	43	378531	83.580	ug/l	99
17) Carbon Disulfide	4.04	76	437416	19.807	ug/l	100
18) Methyl Acetate	4.33	43	185353	20.929	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	501012	20.824	ug/l	99
20) Methylene Chloride	4.55	84	190260	19.960	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	170104	20.306	ug/l	98
22) Diisopropyl ether	5.96	45	613981	20.588	ug/l	99
23) Vinyl Acetate	5.90	43	2350721	105.201	ug/l	100
24) 1,1-Dichloroethane	5.84	63	334334	20.186	ug/l	99
25) 2-Butanone	6.84	43	570039	96.036	ug/l	99
26) 2,2-Dichloropropane	6.82	77	215423	20.138	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	196501	20.248	ug/l	100
28) Bromochloromethane	7.19	49	169563	21.078	ug/l	98
29) Tetrahydrofuran	7.21	42	390963	101.601	ug/l	100
30) Chloroform	7.37	83	314526	20.292	ug/l	100
31) Cyclohexane	7.65	56	329355	19.983	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	244418	20.365	ug/l	100
36) 1,1-Dichloropropene	7.79	75	241616	19.944	ug/l	99
37) Ethyl Acetate	6.93	43	231676	20.410	ug/l	99
38) Carbon Tetrachloride	7.77	117	201153	20.000	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051419\
 Data File : VN055595.D
 Acq On : 14 May 2019 15:51
 Operator : JC/SP
 Sample : VN0514WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0514WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/16/2019 1:32:03 PM

Quant Time: May 15 07:55:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051419W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 07:28:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	285939	20.042	ug/l	99
40) Benzene	8.04	78	744512	20.124	ug/l	100
41) Methacrylonitrile	7.17	41	104514	20.199	ug/l	91
42) 1,2-Dichloroethane	8.12	62	248037	20.103	ug/l	99
43) Isopropyl Acetate	8.17	43	361640	20.314	ug/l	99
44) Trichloroethene	8.83	130	176982	19.891	ug/l	100
45) 1,2-Dichloropropane	9.12	63	206072	20.209	ug/l	98
46) Dibromomethane	9.21	93	121267	20.136	ug/l	99
47) Bromodichloromethane	9.40	83	232636	20.265	ug/l	99
48) Methyl methacrylate	9.20	41	171502	19.721	ug/l	98
49) 1,4-Dioxane	9.20	88	66458	418.139	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1131130	101.126	ug/l	100
52) Toluene	10.16	92	428401	20.211	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	227484	20.670	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	273354	20.685	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	168390	19.871	ug/l	96
56) Ethyl methacrylate	10.43	69	246211	20.849	ug/l	99
57) 1,3-Dichloropropane	10.71	76	302087	20.621	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	291658	88.460	ug/l	100
59) 2-Hexanone	10.75	43	792641	102.724	ug/l	100
60) Dibromochloromethane	10.90	129	158377	20.546	ug/l	100
61) 1,2-Dibromoethane	11.00	107	163877	20.468	ug/l	99
64) Tetrachloroethene	10.63	164	163618	19.502	ug/l	99
65) Chlorobenzene	11.43	112	443192	20.334	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	153158	20.499	ug/l	99
67) Ethyl Benzene	11.51	91	793142	20.289	ug/l	100
68) m/p-Xylenes	11.62	106	585805	40.998	ug/l	99
69) o-Xylene	11.95	106	289189	20.797	ug/l	100
70) Styrene	11.96	104	464199	20.992	ug/l	99
71) Bromoform	12.13	173	98635	20.253	ug/l #	99
73) Isopropylbenzene	12.25	105	760940	19.470	ug/l	99
74) N-amyl acetate	12.07	43	278343	20.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	237443	21.955	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	205952m	20.814	ug/l	
77) Bromobenzene	12.53	156	176274	21.549	ug/l	100
78) n-propylbenzene	12.59	91	840935	20.181	ug/l	100
79) 2-Chlorotoluene	12.67	91	519648	19.605	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	622143	20.139	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	56674	20.373	ug/l	100
82) 4-Chlorotoluene	12.77	91	495029	20.105	ug/l	100
83) tert-Butylbenzene	12.99	119	542273	20.222	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	585204	20.512	ug/l	99
85) sec-Butylbenzene	13.17	105	688824	19.945	ug/l	100
86) p-Isopropyltoluene	13.29	119	568922	20.316	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	283132	20.457	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	268437	19.713	ug/l	98
89) n-Butylbenzene	13.61	91	423316	20.489	ug/l	99
90) Hexachloroethane	13.87	117	91813	20.537	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	284349	20.558	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33791	20.246	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051419\
Data File : VN055595.D
Acq On : 14 May 2019 15:51
Operator : JC/SP
Sample : VN0514WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBS01

Manual Integrations
APPROVED

MMDadoda
5/16/2019 1:32:03 PM

Quant Time: May 15 07:55:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051419W.M
Quant Title : SW846 8260
QLast Update : Wed May 15 07:28:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	99839	19.904	ug/l	98
94) Hexachlorobutadiene	15.01	225	89372	22.263	ug/l	99
95) Naphthalene	15.13	128	295267	21.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	110325	20.207	ug/l	99

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

