

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041320\
 Data File : VN060912.D
 Acq On : 13 Apr 2020 20:57
 Operator : JC/MD
 Sample : VN0413WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 10:10:53 AM

Quant Time: Apr 14 07:39:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	140180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	239615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	212804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	98762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	91791	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
35) Dibromofluoromethane	7.56	113	68529	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
50) Toluene-d8	10.08	98	250183	42.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.54%	
62) 4-Bromofluorobenzene	12.40	95	91847	42.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	20058	14.788	ug/l	99
3) Chloromethane	2.04	50	40553	16.008	ug/l	97
4) Vinyl Chloride	2.17	62	31974	16.137	ug/l	98
5) Bromomethane	2.55	94	17125	20.021	ug/l	99
6) Chloroethane	2.69	64	21022	18.418	ug/l	99
7) Trichlorofluoromethane	3.00	101	40710	16.679	ug/l	99
8) Diethyl Ether	3.38	74	20422	20.828	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	24830	17.556	ug/l	99
10) Methyl Iodide	3.93	142	23078	18.338	ug/l	98
11) Tert butyl alcohol	4.72	59	27371	96.713	ug/l	98
12) 1,1-Dichloroethene	3.72	96	26008	17.136	ug/l	97
13) Acrolein	3.58	56	6738	21.482	ug/l	97
14) Allyl chloride	4.29	41	56107	21.019	ug/l	90
15) Acrylonitrile	4.94	53	85123	102.284	ug/l	99
16) Acetone	3.78	43	67136	98.491	ug/l	99
17) Carbon Disulfide	4.03	76	71096	15.403	ug/l	100
18) Methyl Acetate	4.28	43	41393	21.574	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	106367	20.384	ug/l	98
20) Methylene Chloride	4.52	84	32279	19.250	ug/l	97
21) trans-1,2-Dichloroethene	5.00	96	29264	18.092	ug/l	93
22) Diisopropyl ether	5.91	45	120730	21.408	ug/l	98
23) Vinyl Acetate	5.85	43	487506	105.949	ug/l	99
24) 1,1-Dichloroethane	5.82	63	61597	20.036	ug/l	100
25) 2-Butanone	6.80	43	109481	99.256	ug/l	97
26) 2,2-Dichloropropane	6.79	77	45764	18.920	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	35864	19.511	ug/l	99
28) Bromochloromethane	7.17	49	34951	23.762	ug/l	98
29) Tetrahydrofuran	7.18	42	76040	97.433	ug/l	97
30) Chloroform	7.34	83	58522	19.856	ug/l	98
31) Cyclohexane	7.63	56	50686	16.354	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	46623	18.350	ug/l	98
36) 1,1-Dichloropropene	7.77	75	40186	17.320	ug/l	98
37) Ethyl Acetate	6.89	43	49321	19.673	ug/l	99
38) Carbon Tetrachloride	7.75	117	34989	16.826	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041320\
 Data File : VN060912.D
 Acq On : 13 Apr 2020 20:57
 Operator : JC/MD
 Sample : VN0413WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 10:10:53 AM

Quant Time: Apr 14 07:39:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	45988	16.679	ug/l	97
40) Benzene	8.02	78	131199	18.732	ug/l	100
41) Methacrylonitrile	7.15	41	24684m	23.071	ug/l	
42) 1,2-Dichloroethane	8.10	62	48569	20.290	ug/l	98
43) Isopropyl Acetate	8.14	43	82015	19.836	ug/l	99
44) Trichloroethene	8.81	130	31811	18.016	ug/l	96
45) 1,2-Dichloropropane	9.10	63	37267	20.164	ug/l	100
46) Dibromomethane	9.19	93	22093	19.773	ug/l	99
47) Bromodichloromethane	9.38	83	45828	19.738	ug/l	99
48) Methyl methacrylate	9.18	41	35326	19.190	ug/l	98
49) 1,4-Dioxane	9.18	88	8955	409.268	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	235891	100.261	ug/l	98
52) Toluene	10.14	92	76839	18.165	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	52969	19.861	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	57808	19.758	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	32695	20.091	ug/l	99
56) Ethyl methacrylate	10.42	69	49349	19.448	ug/l	97
57) 1,3-Dichloropropane	10.70	76	57635	20.409	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	111437	88.363	ug/l	99
59) 2-Hexanone	10.74	43	163076	96.220	ug/l	99
60) Dibromochloromethane	10.89	129	32638	19.416	ug/l	98
61) 1,2-Dibromoethane	10.99	107	31952	19.526	ug/l	99
64) Tetrachloroethene	10.62	164	27859	16.636	ug/l	99
65) Chlorobenzene	11.43	112	78873	18.696	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	29489	19.306	ug/l	98
67) Ethyl Benzene	11.50	91	142184	18.124	ug/l	99
68) m/p-Xylenes	11.61	106	104346	35.792	ug/l	99
69) o-Xylene	11.94	106	51413	18.474	ug/l	100
70) Styrene	11.96	104	81636	17.936	ug/l	99
71) Bromoform	12.12	173	21959	18.397	ug/l #	98
73) Isopropylbenzene	12.24	105	133420	18.001	ug/l	99
74) N-amyl acetate	12.06	43	66849	19.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	45523	20.310	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	41370m	19.413	ug/l	
77) Bromobenzene	12.52	156	32668	18.292	ug/l	95
78) n-propylbenzene	12.59	91	157041	17.934	ug/l	98
79) 2-Chlorotoluene	12.67	91	94120	17.989	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	112950	17.958	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	15311	18.452	ug/l	96
82) 4-Chlorotoluene	12.77	91	99037	18.586	ug/l	98
83) tert-Butylbenzene	12.99	119	93564	17.945	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	113816	18.291	ug/l	99
85) sec-Butylbenzene	13.17	105	128578	18.339	ug/l	99
86) p-Isopropyltoluene	13.28	119	115624	18.339	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	58472	18.563	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	57998	18.327	ug/l	98
89) n-Butylbenzene	13.61	91	106475	18.705	ug/l	99
90) Hexachloroethane	13.87	117	17756	19.375	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	56548	18.775	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	8565	18.073	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041320\
Data File : VN060912.D
Acq On : 13 Apr 2020 20:57
Operator : JC/MD
Sample : VN0413WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Manual Integrations
APPROVED

MMDadoda
4/14/2020 10:10:53 AM

Quant Time: Apr 14 07:39:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	34267	18.527	ug/l	99
94) Hexachlorobutadiene	15.01	225	17444	19.239	ug/l	99
95) Naphthalene	15.13	128	101737	18.287	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	34142	18.741	ug/l	99

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

