

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060925.D
 Acq On : 14 Apr 2020 11:27
 Operator : JC/MD
 Sample : VN0414WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/15/2020 1:49:54 PM

Quant Time: Apr 15 08:42:41 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	144490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	240120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	216463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	97023	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.56	113	72387	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.08	98	283640	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	12.40	95	104065	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	21891	15.658	ug/l	100
3) Chloromethane	2.04	50	40323	15.443	ug/l	100
4) Vinyl Chloride	2.17	62	32691	16.007	ug/l	100
5) Bromomethane	2.55	94	17006	19.289	ug/l	98
6) Chloroethane	2.69	64	21084	17.921	ug/l	99
7) Trichlorofluoromethane	3.00	101	45070	17.914	ug/l	99
8) Diethyl Ether	3.38	74	19348	19.144	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	28047	19.239	ug/l	98
10) Methyl Iodide	3.93	142	21848	16.843	ug/l	98
11) Tert butyl alcohol	4.72	59	32229	110.482	ug/l	98
12) 1,1-Dichloroethene	3.72	96	27776	17.755	ug/l	98
13) Acrolein	3.57	56	25986	80.376	ug/l	99
14) Allyl chloride	4.29	41	52990	19.259	ug/l	96
15) Acrylonitrile	4.94	53	87899	102.469	ug/l	99
16) Acetone	3.78	43	82883	117.966	ug/l	99
17) Carbon Disulfide	4.03	76	74702	15.701	ug/l	100
18) Methyl Acetate	4.28	43	42811	21.647	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	102388	19.037	ug/l	97
20) Methylene Chloride	4.52	84	31754	18.372	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	29163	17.491	ug/l	89
22) Diisopropyl ether	5.91	45	118435	20.375	ug/l	100
23) Vinyl Acetate	5.86	43	479816	101.167	ug/l	99
24) 1,1-Dichloroethane	5.81	63	61760	19.490	ug/l	99
25) 2-Butanone	6.80	43	121494	106.861	ug/l	98
26) 2,2-Dichloropropane	6.79	77	51836	20.791	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	35241	18.600	ug/l	97
28) Bromochloromethane	7.17	49	31577	20.827	ug/l	95
29) Tetrahydrofuran	7.18	42	81045	100.749	ug/l	98
30) Chloroform	7.34	83	57411	18.898	ug/l	98
31) Cyclohexane	7.63	56	56554	17.703	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	48576	18.549	ug/l	98
36) 1,1-Dichloropropene	7.77	75	42988	18.489	ug/l	98
37) Ethyl Acetate	6.89	43	50643	20.158	ug/l	99
38) Carbon Tetrachloride	7.75	117	37837	18.157	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060925.D
 Acq On : 14 Apr 2020 11:27
 Operator : JC/MD
 Sample : VN0414WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0414WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/15/2020 1:49:54 PM

Quant Time: Apr 15 08:42:41 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	51873	18.773	ug/l	97
40) Benzene	8.02	78	132770	18.916	ug/l	99
41) Methacrylonitrile	7.14	41	21477m	20.031	ug/l	
42) 1,2-Dichloroethane	8.10	62	47022	19.603	ug/l	99
43) Isopropyl Acetate	8.14	43	83525	20.159	ug/l	98
44) Trichloroethene	8.81	130	32493	18.364	ug/l	98
45) 1,2-Dichloropropane	9.10	63	36651	19.789	ug/l	99
46) Dibromomethane	9.19	93	21480	19.184	ug/l	98
47) Bromodichloromethane	9.38	83	45502	19.556	ug/l	99
48) Methyl methacrylate	9.18	41	35830	19.423	ug/l	98
49) 1,4-Dioxane	9.18	88	11461	522.697	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	245778	104.244	ug/l	98
52) Toluene	10.14	92	79138	18.669	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	52416	19.612	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	57000	19.440	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	31580	19.365	ug/l	98
56) Ethyl methacrylate	10.42	69	48920	19.239	ug/l	97
57) 1,3-Dichloropropane	10.70	76	56241	19.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	114434	90.548	ug/l	99
59) 2-Hexanone	10.74	43	176792	104.094	ug/l	98
60) Dibromochloromethane	10.89	129	32428	19.251	ug/l	99
61) 1,2-Dibromoethane	10.99	107	30756	18.755	ug/l	99
64) Tetrachloroethene	10.62	164	30255	17.762	ug/l	98
65) Chlorobenzene	11.42	112	81214	18.926	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	30749	19.791	ug/l	97
67) Ethyl Benzene	11.50	91	152036	19.052	ug/l	99
68) m/p-Xylenes	11.61	106	109932	37.071	ug/l	96
69) o-Xylene	11.94	106	54370	19.206	ug/l	100
70) Styrene	11.96	104	86440	18.670	ug/l	99
71) Bromoform	12.12	173	22395	18.440	ug/l #	100
73) Isopropylbenzene	12.24	105	146669	19.279	ug/l	99
74) N-amyl acetate	12.06	43	67576	19.223	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	46716	20.306	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	38244m	17.484	ug/l	
77) Bromobenzene	12.52	156	33744	18.408	ug/l	96
78) n-propylbenzene	12.59	91	171614	19.094	ug/l	99
79) 2-Chlorotoluene	12.67	91	101159	18.837	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	120867	18.722	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	16250	19.080	ug/l	98
82) 4-Chlorotoluene	12.77	91	105892	19.360	ug/l	97
83) tert-Butylbenzene	12.99	119	103236	19.290	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	121842	19.077	ug/l	99
85) sec-Butylbenzene	13.17	105	141739	19.695	ug/l	100
86) p-Isopropyltoluene	13.28	119	127217	19.658	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	60564	18.732	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	60997	18.778	ug/l	99
89) n-Butylbenzene	13.61	91	115073	19.695	ug/l	100
90) Hexachloroethane	13.87	117	19957	21.216	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	59251	19.166	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	8952	18.408	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060925.D
 Acq On : 14 Apr 2020 11:27
 Operator : JC/MD
 Sample : VN0414WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/15/2020 1:49:54 PM

Quant Time: Apr 15 08:42:41 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	14.90	180	34923	18.395	ug/l	98
94) Hexachlorobutadiene	15.01	225	18928	20.338	ug/l	99
95) Naphthalene	15.13	128	99970	17.507	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	34248	18.315	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060925.D
 Acq On : 14 Apr 2020 11:27
 Operator : JC/MD
 Sample : VN0414WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/15/2020 1:49:54 PM

Quant Time: Apr 15 08:42:41 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

