

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060929.D
 Acq On : 14 Apr 2020 13:37
 Operator : JC/MD
 Sample : VN0414WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/15/2020 1:49:59 PM

Quant Time: Apr 15 08:55:43 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	140101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	235285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	212021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	96930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	84569	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	
35) Dibromofluoromethane	7.56	113	62854	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
50) Toluene-d8	10.08	98	245132	42.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.36%	
62) 4-Bromofluorobenzene	12.39	95	88668	41.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	24406	18.004	ug/l	99
3) Chloromethane	2.04	50	44427	17.547	ug/l	99
4) Vinyl Chloride	2.17	62	36063	18.211	ug/l	99
5) Bromomethane	2.55	94	17994	21.049	ug/l	99
6) Chloroethane	2.69	64	23134	20.280	ug/l	99
7) Trichlorofluoromethane	3.00	101	49757	20.397	ug/l	99
8) Diethyl Ether	3.38	74	20647	21.069	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	30122	21.310	ug/l	99
10) Methyl Iodide	3.93	142	22766	18.100	ug/l	99
11) Tert butyl alcohol	4.72	59	26693	94.371	ug/l	99
12) 1,1-Dichloroethene	3.72	96	29966	19.755	ug/l	97
13) Acrolein	3.58	56	27637	88.161	ug/l	98
14) Allyl chloride	4.29	41	57938	21.717	ug/l	95
15) Acrylonitrile	4.94	53	88900	106.883	ug/l	99
16) Acetone	3.78	43	86075	126.347	ug/l	96
17) Carbon Disulfide	4.03	76	80936	17.544	ug/l	97
18) Methyl Acetate	4.29	43	42145	21.978	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	109569	21.010	ug/l	96
20) Methylene Chloride	4.52	84	34814	20.774	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	32122	19.870	ug/l	94
22) Diisopropyl ether	5.91	45	128655	22.826	ug/l	97
23) Vinyl Acetate	5.86	43	507055	110.259	ug/l	99
24) 1,1-Dichloroethane	5.82	63	66990	21.802	ug/l	99
25) 2-Butanone	6.80	43	120993	109.754	ug/l	99
26) 2,2-Dichloropropane	6.79	77	57170	23.648	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	38273	20.833	ug/l	97
28) Bromochloromethane	7.16	49	28293	19.246	ug/l	95
29) Tetrahydrofuran	7.18	42	78735	100.944	ug/l	97
30) Chloroform	7.34	83	63339	21.503	ug/l	98
31) Cyclohexane	7.63	56	60773	19.619	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	52854	20.814	ug/l	96
36) 1,1-Dichloropropene	7.77	75	47024	20.640	ug/l	99
37) Ethyl Acetate	6.89	43	50953	20.698	ug/l	99
38) Carbon Tetrachloride	7.75	117	41396	20.273	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060929.D
 Acq On : 14 Apr 2020 13:37
 Operator : JC/MD
 Sample : VN0414WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0414WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/15/2020 1:49:59 PM

Quant Time: Apr 15 08:55:43 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	56440	20.846	ug/l	97
40) Benzene	8.02	78	144249	20.974	ug/l	100
41) Methacrylonitrile	7.15	41	22964m	21.858	ug/l	
42) 1,2-Dichloroethane	8.10	62	49750	21.166	ug/l	99
43) Isopropyl Acetate	8.14	43	85512	21.063	ug/l	100
44) Trichloroethene	8.81	130	34874	20.115	ug/l	97
45) 1,2-Dichloropropane	9.10	63	40892	22.533	ug/l	98
46) Dibromomethane	9.19	93	23230	21.173	ug/l	99
47) Bromodichloromethane	9.38	83	49523	21.722	ug/l	100
48) Methyl methacrylate	9.18	41	36653	20.277	ug/l	99
49) 1,4-Dioxane	9.18	88	7698	358.294	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	245557	106.290	ug/l	99
52) Toluene	10.14	92	85247	20.524	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	56819	21.696	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	61912	21.550	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	34029	21.295	ug/l	99
56) Ethyl methacrylate	10.42	69	51469	20.657	ug/l	97
57) 1,3-Dichloropropane	10.70	76	59256	21.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	110010	88.837	ug/l	99
59) 2-Hexanone	10.74	43	174685	104.967	ug/l	100
60) Dibromochloromethane	10.89	129	34679	21.010	ug/l	98
61) 1,2-Dibromoethane	10.99	107	33342	20.750	ug/l	99
64) Tetrachloroethene	10.62	164	32212	19.307	ug/l	98
65) Chlorobenzene	11.42	112	88292	21.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	32475	21.340	ug/l	98
67) Ethyl Benzene	11.50	91	165760	21.207	ug/l	100
68) m/p-Xylenes	11.61	106	119309	41.076	ug/l	98
69) o-Xylene	11.94	106	58220	20.997	ug/l	100
70) Styrene	11.96	104	92679	20.437	ug/l	100
71) Bromoform	12.12	173	23632	19.737	ug/l #	100
73) Isopropylbenzene	12.24	105	157269	21.620	ug/l	100
74) N-amyl acetate	12.06	43	70054	20.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	47948	21.797	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	41642m	19.910	ug/l	
77) Bromobenzene	12.52	156	36335	20.729	ug/l	98
78) n-propylbenzene	12.59	91	185536	21.589	ug/l	99
79) 2-Chlorotoluene	12.67	91	108763	21.181	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	131855	21.360	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	16605	20.390	ug/l	98
82) 4-Chlorotoluene	12.77	91	112131	21.441	ug/l	97
83) tert-Butylbenzene	12.99	119	111674	21.823	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	132388	21.678	ug/l	99
85) sec-Butylbenzene	13.17	105	153252	22.271	ug/l	100
86) p-Isopropyltoluene	13.28	119	134415	21.723	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	64483	20.858	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	64528	20.775	ug/l	99
89) n-Butylbenzene	13.61	91	124206	22.232	ug/l	100
90) Hexachloroethane	13.87	117	21527	23.934	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	62963	21.300	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	9066	19.513	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
Data File : VN060929.D
Acq On : 14 Apr 2020 13:37
Operator : JC/MD
Sample : VN0414WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Manual Integrations
APPROVED

MMDadoda
4/15/2020 1:49:59 PM

Quant Time: Apr 15 08:55:43 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	37764	20.803	ug/l	100
94) Hexachlorobutadiene	15.01	225	20739	23.305	ug/l	98
95) Naphthalene	15.13	128	106203	19.451	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	37179	20.793	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041420\
Data File : VN060929.D
Acq On : 14 Apr 2020 13:37
Operator : JC/MD
Sample : VN0414WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Manual Integrations
APPROVED

MMDadoda
4/15/2020 1:49:59 PM

Quant Time: Apr 15 08:55:43 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

