

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030320\
 Data File : VN060319.D
 Acq On : 3 Mar 2020 11:06
 Operator : JC/MD
 Sample : VN0303WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0303WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2020 10:44:01 AM

Quant Time: Mar 04 01:38:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	333381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	128143	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	7.57	113	83587	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
50) Toluene-d8	10.08	98	375115	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.40	95	141172	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32426	17.095	ug/l	98
3) Chloromethane	2.04	50	58567	17.734	ug/l	98
4) Vinyl Chloride	2.16	62	47820	16.884	ug/l	98
5) Bromomethane	2.54	94	17530	13.629	ug/l	95
6) Chloroethane	2.69	64	25468	16.597	ug/l	96
7) Trichlorofluoromethane	3.00	101	61733	17.060	ug/l	98
8) Diethyl Ether	3.38	74	23947	17.528	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35397	17.285	ug/l	99
10) Methyl Iodide	3.93	142	31210	16.699	ug/l	98
11) Tert butyl alcohol	4.73	59	35680	90.526	ug/l	99
12) 1,1-Dichloroethene	3.72	96	34547	17.331	ug/l	98
13) Acrolein	3.58	56	31422	85.456	ug/l	98
14) Allyl chloride	4.29	41	65872	17.975	ug/l	97
15) Acrylonitrile	4.94	53	96008	92.415	ug/l	99
16) Acetone	3.78	43	77143	89.996	ug/l	100
17) Carbon Disulfide	4.03	76	92115	16.999	ug/l	100
18) Methyl Acetate	4.29	43	47367	16.559	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	131690	18.249	ug/l	99
20) Methylene Chloride	4.52	84	40842	17.349	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	39052	18.015	ug/l	98
22) Diisopropyl ether	5.92	45	136928	18.446	ug/l	97
23) Vinyl Acetate	5.86	43	545101	92.410	ug/l	99
24) 1,1-Dichloroethane	5.81	63	76225	18.140	ug/l	100
25) 2-Butanone	6.80	43	128158	92.563	ug/l	100
26) 2,2-Dichloropropane	6.80	77	68819	17.990	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	46586	17.066	ug/l	99
28) Bromochloromethane	7.17	49	31336	18.163	ug/l	99
29) Tetrahydrofuran	7.18	42	87532	90.915	ug/l	100
30) Chloroform	7.35	83	77256	18.469	ug/l	99
31) Cyclohexane	7.63	56	68510	18.254	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	66553	17.957	ug/l	99
36) 1,1-Dichloropropene	7.77	75	56099	17.656	ug/l	99
37) Ethyl Acetate	6.90	43	58212	19.349	ug/l	99
38) Carbon Tetrachloride	7.75	117	54883	17.742	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030320\
 Data File : VN060319.D
 Acq On : 3 Mar 2020 11:06
 Operator : JC/MD
 Sample : VN0303WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0303WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2020 10:44:01 AM

Quant Time: Mar 04 01:38:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	66581	17.773	ug/l	97
40) Benzene	8.02	78	167787	18.144	ug/l	100
41) Methacrylonitrile	7.14	41	21205	15.265	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	62050	18.594	ug/l	99
43) Isopropyl Acetate	8.14	43	100454	19.073	ug/l	99
44) Trichloroethene	8.82	130	45075	17.501	ug/l	97
45) 1,2-Dichloropropane	9.10	63	46057	19.049	ug/l	98
46) Dibromomethane	9.19	93	28134	17.933	ug/l	98
47) Bromodichloromethane	9.39	83	59387	18.612	ug/l	99
48) Methyl methacrylate	9.18	41	42851	17.841	ug/l	97
49) 1,4-Dioxane	9.18	88	12667	375.037	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	281386	94.228	ug/l	100
52) Toluene	10.14	92	103516	17.820	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	69296	17.724	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	73399	18.117	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	42124	18.032	ug/l	98
56) Ethyl methacrylate	10.42	69	61295	18.264	ug/l	99
57) 1,3-Dichloropropane	10.70	76	70946	18.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	154385	87.955	ug/l	99
59) 2-Hexanone	10.74	43	203647	92.881	ug/l	100
60) Dibromochloromethane	10.89	129	43350	18.247	ug/l	99
61) 1,2-Dibromoethane	10.99	107	41533	18.238	ug/l	96
64) Tetrachloroethene	10.62	164	48635	19.239	ug/l	99
65) Chlorobenzene	11.43	112	109645	17.677	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41716	18.190	ug/l	99
67) Ethyl Benzene	11.51	91	202643	17.940	ug/l	100
68) m/p-Xylenes	11.62	106	150879	35.404	ug/l	99
69) o-Xylene	11.94	106	73970	18.202	ug/l	98
70) Styrene	11.96	104	116813	17.483	ug/l	100
71) Bromoform	12.12	173	30008	18.155	ug/l #	99
73) Isopropylbenzene	12.25	105	198400	18.194	ug/l	100
74) N-amyl acetate	12.07	43	84562	17.746	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	55198	18.622	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	54730m	16.955	ug/l	
77) Bromobenzene	12.52	156	47251	17.677	ug/l	100
78) n-propylbenzene	12.59	91	231085	18.079	ug/l	100
79) 2-Chlorotoluene	12.67	91	136854	18.214	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	167292	18.221	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	21195	18.126	ug/l #	85
82) 4-Chlorotoluene	12.77	91	139713	17.649	ug/l	98
83) tert-Butylbenzene	12.99	119	143616	18.067	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	166189	17.933	ug/l	99
85) sec-Butylbenzene	13.17	105	192040	18.041	ug/l	100
86) p-Isopropyltoluene	13.29	119	175152	17.778	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	84625	18.304	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	83438	18.050	ug/l	99
89) n-Butylbenzene	13.61	91	159018	17.582	ug/l	99
90) Hexachloroethane	13.87	117	24179	16.955	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	81677	17.438	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11318	16.861	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030320\
Data File : VN060319.D
Acq On : 3 Mar 2020 11:06
Operator : JC/MD
Sample : VN0303WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0303WBS01

Manual Integrations
APPROVED

MMDadoda
3/4/2020 10:44:01 AM

Quant Time: Mar 04 01:38:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	52497	17.696	ug/l	100
94) Hexachlorobutadiene	15.01	225	26770	19.215	ug/l	98
95) Naphthalene	15.13	128	150922	17.037	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	51269	18.176	ug/l	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030320\
Data File : VN060319.D
Acq On : 3 Mar 2020 11:06
Operator : JC/MD
Sample : VN0303WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0303WBS01

Manual Integrations
APPROVED

MMDadoda
3/4/2020 10:44:01 AM

Quant Time: Mar 04 01:38:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

