

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061781.D
 Acq On : 12 Jun 2020 11:09
 Operator : JC/MD
 Sample : VN0612WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:08:29 AM

Quant Time: Jun 15 06:36:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	335628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	514795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	488908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	243358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	182475	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
35) Dibromofluoromethane	7.54	113	151165	57.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.78%	
50) Toluene-d8	10.06	98	631380	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.37	95	217955	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	60580	16.422	ug/l	96
3) Chloromethane	2.03	50	62714	15.320	ug/l	99
4) Vinyl Chloride	2.16	62	81856	14.592	ug/l	99
5) Bromomethane	2.53	94	55459	17.229	ug/l	99
6) Chloroethane	2.67	64	56040	15.520	ug/l	100
7) Trichlorofluoromethane	2.98	101	119513	16.521	ug/l	97
8) Diethyl Ether	3.37	74	34078	15.406	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	58555	18.241	ug/l	97
10) Methyl Iodide	3.91	142	76287	17.119	ug/l	99
11) Tert butyl alcohol	4.73	59	45640	85.808	ug/l	100
12) 1,1-Dichloroethene	3.69	96	54151	15.790	ug/l	94
13) Acrolein	3.56	56	7248	18.685	ug/l	97
14) Allyl chloride	4.27	41	63064	14.065	ug/l	97
15) Acrylonitrile	4.92	53	114213	76.932	ug/l	98
16) Acetone	3.77	43	96985	83.883	ug/l	97
17) Carbon Disulfide	4.01	76	117120	15.522	ug/l	96
18) Methyl Acetate	4.28	43	57392	15.854	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	181325	15.513	ug/l	95
20) Methylene Chloride	4.50	84	62869	16.119	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	60280	15.586	ug/l	96
22) Diisopropyl ether	5.90	45	149908	15.170	ug/l	97
23) Vinyl Acetate	5.84	43	548565	69.649	ug/l	96
24) 1,1-Dichloroethane	5.79	63	99998	15.958	ug/l	99
25) 2-Butanone	6.78	43	138906	73.296	ug/l	98
26) 2,2-Dichloropropane	6.77	77	92244	16.083	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	72256	16.499	ug/l	97
28) Bromochloromethane	7.14	49	48172	19.630	ug/l	92
29) Tetrahydrofuran	7.17	42	88018	70.432	ug/l	94
30) Chloroform	7.33	83	116246	16.768	ug/l	98
31) Cyclohexane	7.61	56	82727	14.679	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	101701	16.100	ug/l	99
36) 1,1-Dichloropropene	7.75	75	78627	17.253	ug/l	98
37) Ethyl Acetate	6.88	43	60146	16.386	ug/l	96
38) Carbon Tetrachloride	7.73	117	80328	18.274	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061781.D
 Acq On : 12 Jun 2020 11:09
 Operator : JC/MD
 Sample : VN0612WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0612WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:08:29 AM

Quant Time: Jun 15 06:36:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	87966	15.660	ug/l	99
40) Benzene	8.00	78	251829	17.909	ug/l	100
41) Methacrylonitrile	7.14	41	31794m	18.906	ug/l	
42) 1,2-Dichloroethane	8.08	62	81481	17.309	ug/l	98
43) Isopropyl Acetate	8.12	43	100401	15.204	ug/l #	92
44) Trichloroethene	8.80	130	77419	17.915	ug/l	94
45) 1,2-Dichloropropane	9.08	63	60353	18.076	ug/l	99
46) Dibromomethane	9.17	93	45369	17.717	ug/l	97
47) Bromodichloromethane	9.37	83	91227	17.981	ug/l	98
48) Methyl methacrylate	9.17	41	42361	14.258	ug/l	94
49) 1,4-Dioxane	9.16	88	23713	515.185	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	290728	78.123	ug/l	98
52) Toluene	10.12	92	163797	17.847	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	92426	16.911	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	101445	17.263	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	67452	18.448	ug/l	96
56) Ethyl methacrylate	10.40	69	82127	16.079	ug/l	96
57) 1,3-Dichloropropane	10.68	76	104113	17.803	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	112689	51.627	ug/l	99
59) 2-Hexanone	10.72	43	203163	76.017	ug/l	98
60) Dibromochloromethane	10.87	129	73688	17.727	ug/l	99
61) 1,2-Dibromoethane	10.98	107	69560	18.241	ug/l	98
64) Tetrachloroethene	10.60	164	81168	17.637	ug/l	97
65) Chlorobenzene	11.41	112	182308	17.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	69957	18.487	ug/l	99
67) Ethyl Benzene	11.48	91	305101	17.370	ug/l	100
68) m/p-Xylenes	11.59	106	241800	34.719	ug/l	98
69) o-Xylene	11.92	106	113542	17.164	ug/l	98
70) Styrene	11.94	104	187741	17.138	ug/l	99
71) Bromoform	12.10	173	51315	17.599	ug/l #	97
73) Isopropylbenzene	12.22	105	299587	16.867	ug/l	100
74) N-amyl acetate	12.05	43	78713	14.072	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	84846	17.046	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	79758m	18.024	ug/l	
77) Bromobenzene	12.50	156	80700	17.799	ug/l	95
78) n-propylbenzene	12.56	91	333385	16.813	ug/l	99
79) 2-Chlorotoluene	12.65	91	197308	16.687	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	250953	16.904	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	25312	14.628	ug/l	99
82) 4-Chlorotoluene	12.75	91	207189	16.657	ug/l	99
83) tert-Butylbenzene	12.97	119	211824	16.149	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	246242	16.696	ug/l	97
85) sec-Butylbenzene	13.15	105	278178	16.458	ug/l	98
86) p-Isopropyltoluene	13.27	119	258862	16.630	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	140801	17.537	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	140991	17.238	ug/l	99
89) n-Butylbenzene	13.59	91	203577	15.615	ug/l	99
90) Hexachloroethane	13.85	117	36600	21.262	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	134464	17.525	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	13522	13.321	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
Data File : VN061781.D
Acq On : 12 Jun 2020 11:09
Operator : JC/MD
Sample : VN0612WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:08:29 AM

Quant Time: Jun 15 06:36:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	72018	16.050	ug/l	100
94) Hexachlorobutadiene	14.99	225	35473	18.536	ug/l	97
95) Naphthalene	15.10	128	194751	14.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	72212	16.368	ug/l	99

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

