

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
 Data File : VN061836.D
 Acq On : 16 Jun 2020 19:25
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 3:45:03 PM

Quant Time: Jun 17 01:18:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 00:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	167346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	274592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	341336	168.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.82%	
35) Dibromofluoromethane	7.55	113	285622	188.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	377.14%	
50) Toluene-d8	10.06	98	1163426	171.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	343.88%	
62) 4-Bromofluorobenzene	12.38	95	420802	171.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	343.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	329593	182.600	ug/l	98
3) Chloromethane	2.03	50	344142	163.764	ug/l	97
4) Vinyl Chloride	2.16	62	424803	150.853	ug/l	99
5) Bromomethane	2.50	94	292628	173.116	ug/l	97
6) Chloroethane	2.65	64	274373m	150.027	ug/l	
7) Trichlorofluoromethane	2.97	101	516027	143.978	ug/l	98
8) Diethyl Ether	3.37	74	173425	154.654	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	250913	153.928	ug/l	99
10) Methyl Iodide	3.91	142	338945	155.705	ug/l	99
11) Tert butyl alcohol	4.74	59	237073	865.992	ug/l	98
12) 1,1-Dichloroethene	3.69	96	261002	150.705	ug/l	96
13) Acrolein	3.56	56	137049	1127.169	ug/l	99
14) Allyl chloride	4.27	41	358531	158.384	ug/l	99
15) Acrylonitrile	4.93	53	621092	828.581	ug/l	99
16) Acetone	3.77	43	462199	646.365	ug/l	99
17) Carbon Disulfide	4.00	76	777547	193.379	ug/l	100
18) Methyl Acetate	4.27	43	284013	155.337	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	889611	151.808	ug/l	98
20) Methylene Chloride	4.50	84	303877	122.500	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	297108	151.674	ug/l	99
22) Diisopropyl ether	5.90	45	834684	167.763	ug/l	98
23) Vinyl Acetate	5.84	43	3401533	859.061	ug/l	98
24) 1,1-Dichloroethane	5.80	63	506662	159.507	ug/l	99
25) 2-Butanone	6.78	43	768869	804.916	ug/l	99
26) 2,2-Dichloropropane	6.77	77	411471	142.924	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	344357	156.269	ug/l	100
28) Bromochloromethane	7.15	49	236338	170.299	ug/l	96
29) Tetrahydrofuran	7.17	42	506264	805.540	ug/l	98
30) Chloroform	7.33	83	527108	151.102	ug/l	100
31) Cyclohexane	7.61	56	439897	155.230	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	463530	147.185	ug/l	100
36) 1,1-Dichloropropene	7.75	75	410420	159.777	ug/l	99
37) Ethyl Acetate	6.88	43	330228	161.272	ug/l	99
38) Carbon Tetrachloride	7.73	117	394354	159.412	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
 Data File : VN061836.D
 Acq On : 16 Jun 2020 19:25
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 3:45:03 PM

Quant Time: Jun 17 01:18:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 00:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	468129	150.347	ug/l	99
40) Benzene	8.00	78	1236797	156.450	ug/l	98
41) Methacrylonitrile	7.13	41	140050m	149.333	ug/l	
42) 1,2-Dichloroethane	8.08	62	412540	155.235	ug/l	100
43) Isopropyl Acetate	8.13	43	578557	157.511	ug/l #	90
44) Trichloroethene	8.80	130	319406	135.615	ug/l	98
45) 1,2-Dichloropropane	9.08	63	307188	162.595	ug/l	97
46) Dibromomethane	9.17	93	214521	149.890	ug/l	99
47) Bromodichloromethane	9.37	83	438230	154.532	ug/l	99
48) Methyl methacrylate	9.17	41	268354	161.790	ug/l	97
49) 1,4-Dioxane	9.17	88	121140	4344.387	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1739775	837.156	ug/l	100
52) Toluene	10.12	92	818839	159.238	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	505852	165.731	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	539485	163.691	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	310211	151.742	ug/l	99
56) Ethyl methacrylate	10.40	69	478763	168.963	ug/l	98
57) 1,3-Dichloropropane	10.68	76	530761	161.289	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	909524	763.437	ug/l	99
59) 2-Hexanone	10.72	43	1295402	867.859	ug/l	99
60) Dibromochloromethane	10.87	129	353941	153.961	ug/l	100
61) 1,2-Dibromoethane	10.98	107	325623	153.373	ug/l	99
64) Tetrachloroethene	10.60	164	264492	107.650	ug/l	100
65) Chlorobenzene	11.41	112	869198	151.773	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	318564	150.293	ug/l	100
67) Ethyl Benzene	11.48	91	1573043	158.600	ug/l	100
68) m/p-Xylenes	11.60	106	1225234	312.651	ug/l	100
69) o-Xylene	11.92	106	592718	159.044	ug/l	99
70) Styrene	11.94	104	1052560	170.368	ug/l	100
71) Bromoform	12.10	173	248896	154.085	ug/l #	99
73) Isopropylbenzene	12.22	105	1555545	149.444	ug/l	100
74) N-amyl acetate	12.05	43	587046	178.903	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	458829	154.909	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	395691m	151.792	ug/l	
77) Bromobenzene	12.50	156	378850	143.936	ug/l	99
78) n-propylbenzene	12.57	91	1784489	153.240	ug/l	100
79) 2-Chlorotoluene	12.65	91	1045025	150.555	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1322644	152.257	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	166627	164.563	ug/l	99
82) 4-Chlorotoluene	12.75	91	1130214	155.009	ug/l	99
83) tert-Butylbenzene	12.97	119	1101032	144.148	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	1351776	156.642	ug/l	99
85) sec-Butylbenzene	13.15	105	1463242	148.601	ug/l	99
86) p-Isopropyltoluene	13.26	119	1361091	150.523	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	710093	151.271	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	704421	147.477	ug/l	99
89) n-Butylbenzene	13.59	91	1163768	154.109	ug/l	100
90) Hexachloroethane	13.85	117	242314	220.598	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	667566	148.607	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	86388	146.674	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
Data File : VN061836.D
Acq On : 16 Jun 2020 19:25
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
6/17/2020 3:45:03 PM

Quant Time: Jun 17 01:18:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 00:50:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	372012	146.372	ug/l	99
94) Hexachlorobutadiene	14.99	225	125206	115.841	ug/l	98
95) Naphthalene	15.10	128	1136693	148.772	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	361760	144.736	ug/l	99

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

