

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064860.D
 Acq On : 25 Nov 2020 16:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 11/27/2020 1:37:58 PM

Quant Time: Nov 26 04:35:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	227393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	360429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	324808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	160378	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	128348	48.55	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.10%
35) Dibromofluoromethane	7.55	113	107118	49.67	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.34%
50) Toluene-d8	10.06	98	436840	49.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.14%
62) 4-Bromofluorobenzene	12.37	95	160349	50.85	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	84290	42.770	ug/l	99
3) Chloromethane	2.04	50	111469	43.526	ug/l	99
4) Vinyl Chloride	2.16	62	116409	43.598	ug/l	100
5) Bromomethane	2.52	94	69107	39.450	ug/l	98
6) Chloroethane	2.67	64	74663	45.211	ug/l	99
7) Trichlorofluoromethane	2.98	101	164696	44.623	ug/l	99
8) Diethyl Ether	3.37	74	64336	44.161	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	100654	45.461	ug/l	99
10) Methyl Iodide	3.90	142	119680	41.673	ug/l	98
11) Tert butyl alcohol	4.75	59	89948	218.175	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	101186	45.888	ug/l	99
13) Acrolein	3.57	56	30616	121.577	ug/l	99
14) Allyl chloride	4.27	41	166189	45.696	ug/l	98
15) Acrylonitrile	4.93	53	265448	233.070	ug/l	99
16) Acetone	3.78	43	184381	212.170	ug/l	100
17) Carbon Disulfide	4.00	76	253950	44.605	ug/l	99
18) Methyl Acetate	4.28	43	124190	47.532	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	338403	47.851	ug/l	100
20) Methylene Chloride	4.50	84	120122	44.112	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	108951	44.494	ug/l	100
22) Diisopropyl ether	5.91	45	353155	48.514	ug/l	98
23) Vinyl Acetate	5.85	43	1411467	242.471	ug/l	100
24) 1,1-Dichloroethane	5.80	63	204994	47.120	ug/l	98
25) 2-Butanone	6.79	43	324043	230.025	ug/l	98
26) 2,2-Dichloropropane	6.78	77	172315	45.669	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	127751	46.364	ug/l	100
28) Bromochloromethane	7.15	49	98037	49.260	ug/l	96
29) Tetrahydrofuran	7.17	42	225585	231.979	ug/l	99
30) Chloroform	7.33	83	206302	45.984	ug/l	98
31) Cyclohexane	7.61	56	166720	45.249	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	175334	45.503	ug/l	99
36) 1,1-Dichloropropene	7.75	75	153516	45.952	ug/l	99
37) Ethyl Acetate	6.88	43	138122	42.920	ug/l	99
38) Carbon Tetrachloride	7.73	117	156496	45.020	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	166277	46.234	ug/l	99
40) Benzene	8.00	78	465620	45.482	ug/l	98
41) Methacrylonitrile	7.13	41	65938	44.406	ug/l	95
42) 1,2-Dichloroethane	8.08	62	154090	44.618	ug/l	99
43) Isopropyl Acetate	8.13	43	237919	45.945	ug/l	100
44) Trichloroethene	8.80	130	148165	49.052	ug/l	97
45) 1,2-Dichloropropane	9.08	63	126012	47.531	ug/l	99
46) Dibromomethane	9.17	93	81627	46.087	ug/l	98
47) Bromodichloromethane	9.37	83	164162	46.064	ug/l	100
48) Methyl methacrylate	9.16	41	117285	47.400	ug/l	99
49) 1,4-Dioxane	9.17	88	41202	881.016	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	722236	232.321	ug/l	100
52) Toluene	10.12	92	293588	46.567	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	183145	46.140	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	200678	47.167	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	119306	46.019	ug/l	97
56) Ethyl methacrylate	10.40	69	176265	49.269	ug/l	99
57) 1,3-Dichloropropane	10.68	76	197703	46.229	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	477215	242.497	ug/l	99
59) 2-Hexanone	10.72	43	523101	233.804	ug/l	99
60) Dibromochloromethane	10.87	129	134356	46.622	ug/l	98
61) 1,2-Dibromoethane	10.98	107	121852	46.262	ug/l	99
64) Tetrachloroethene	10.60	164	168233	53.237	ug/l	98
65) Chlorobenzene	11.41	112	325107	46.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	120564	47.033	ug/l	100
67) Ethyl Benzene	11.48	91	561372	48.176	ug/l	99
68) m/p-Xylenes	11.60	106	434966	98.593	ug/l	99
69) o-Xylene	11.92	106	206608	49.351	ug/l	99
70) Styrene	11.94	104	356477	50.439	ug/l	99
71) Bromoform	12.10	173	93301	45.571	ug/l #	99
73) Isopropylbenzene	12.22	105	544897	48.846	ug/l	99
74) N-amyl acetate	12.04	43	210374	47.920	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	129919	39.734	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	155298m	44.963	ug/l	
77) Bromobenzene	12.50	156	138392	46.016	ug/l	99
78) n-propylbenzene	12.56	91	619455	48.744	ug/l	99
79) 2-Chlorotoluene	12.65	91	368583	46.920	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	467189	50.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	58679	46.564	ug/l #	81
82) 4-Chlorotoluene	12.75	91	390064	47.372	ug/l	100
83) tert-Butylbenzene	12.97	119	384659	49.493	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	473816	50.541	ug/l	99
85) sec-Butylbenzene	13.14	105	510566	49.478	ug/l	100
86) p-Isopropyltoluene	13.26	119	481600	51.262	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	245996	46.038	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	250265	44.289	ug/l	99
89) n-Butylbenzene	13.59	91	411762	49.908	ug/l	100
90) Hexachloroethane	13.85	117	75350	46.168	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	240718	45.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	32992	44.844	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	147468	45.437	ug/l	99
94) Hexachlorobutadiene	14.98	225	69102	47.301	ug/l	99
95) Naphthalene	15.10	128	456469	46.946	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	141260	45.917	ug/l	100

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

