

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064985.D
 Acq On : 8 Dec 2020 21:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:55:51 AM

Quant Time: Dec 09 08:03:41 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	191424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	303582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	274627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135334	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108005	48.53	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.06%
35) Dibromofluoromethane	7.55	113	93800	51.64	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.28%
50) Toluene-d8	10.06	98	361100	48.65	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.30%
62) 4-Bromofluorobenzene	12.37	95	129741	48.84	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.68%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	68078	41.035	ug/l	99
3) Chloromethane	2.04	50	90072	41.779	ug/l	98
4) Vinyl Chloride	2.17	62	99860	44.428	ug/l	99
5) Bromomethane	2.52	94	65819	44.633	ug/l	97
6) Chloroethane	2.67	64	65238	46.927	ug/l	97
7) Trichlorofluoromethane	2.99	101	147983	47.629	ug/l	98
8) Diethyl Ether	3.37	74	61265	49.954	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	90455	48.531	ug/l	99
10) Methyl Iodide	3.91	142	111211	46.001	ug/l	99
11) Tert butyl alcohol	4.74	59	76592	220.687	ug/l	100
12) 1,1-Dichloroethene	3.69	96	88377	47.611	ug/l	96
13) Acrolein	3.56	56	65268	307.881	ug/l	100
14) Allyl chloride	4.27	41	142557	46.563	ug/l	98
15) Acrylonitrile	4.93	53	241354	251.734	ug/l	100
16) Acetone	3.78	43	183680	251.079	ug/l	94
17) Carbon Disulfide	4.01	76	205273	42.830	ug/l	100
18) Methyl Acetate	4.28	43	111447	50.669	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	303568	50.991	ug/l	99
20) Methylene Chloride	4.50	84	108171	47.187	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	95455	46.307	ug/l	97
22) Diisopropyl ether	5.91	45	319712	52.173	ug/l	98
23) Vinyl Acetate	5.85	43	1259284	256.976	ug/l	100
24) 1,1-Dichloroethane	5.80	63	185153	50.557	ug/l	99
25) 2-Butanone	6.79	43	296693	250.184	ug/l	97
26) 2,2-Dichloropropane	6.78	77	145708	45.873	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	114182	49.226	ug/l	99
28) Bromochloromethane	7.15	49	80366	47.968	ug/l	98
29) Tetrahydrofuran	7.17	42	198230	242.153	ug/l	99
30) Chloroform	7.33	83	189676	50.223	ug/l	100
31) Cyclohexane	7.61	56	136216	43.916	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	161585	49.815	ug/l	99
36) 1,1-Dichloropropene	7.75	75	133934	47.597	ug/l	99
37) Ethyl Acetate	6.88	43	124512	45.936	ug/l	99
38) Carbon Tetrachloride	7.73	117	144943	49.505	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	131295	43.343	ug/l	98
40) Benzene	8.00	78	421455	48.877	ug/l	99
41) Methacrylonitrile	7.13	41	63822	51.029	ug/l	88
42) 1,2-Dichloroethane	8.08	62	142550	49.006	ug/l	99
43) Isopropyl Acetate	8.13	43	212533	48.728	ug/l #	92
44) Trichloroethene	8.80	130	117763	46.287	ug/l	98
45) 1,2-Dichloropropane	9.08	63	115919	51.911	ug/l	98
46) Dibromomethane	9.17	93	75400	50.543	ug/l	99
47) Bromodichloromethane	9.37	83	153030	50.981	ug/l	100
48) Methyl methacrylate	9.17	41	104766	50.269	ug/l	99
49) 1,4-Dioxane	9.17	88	35840	909.865	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	644521	246.144	ug/l	100
52) Toluene	10.12	92	270028	50.850	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	163918	49.029	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	182731	50.991	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	110990	50.828	ug/l	97
56) Ethyl methacrylate	10.40	69	155513	51.608	ug/l	98
57) 1,3-Dichloropropane	10.68	76	182506	50.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	407396	245.783	ug/l	100
59) 2-Hexanone	10.72	43	463667	246.046	ug/l	100
60) Dibromochloromethane	10.87	129	125207	51.583	ug/l	99
61) 1,2-Dibromoethane	10.97	107	112577	50.744	ug/l	100
64) Tetrachloroethene	10.60	164	117927	44.137	ug/l	99
65) Chlorobenzene	11.41	112	297328	50.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	113974	52.586	ug/l	99
67) Ethyl Benzene	11.48	91	505024	51.260	ug/l	100
68) m/p-Xylenes	11.59	106	392579	105.245	ug/l	99
69) o-Xylene	11.92	106	186757	52.761	ug/l	100
70) Styrene	11.94	104	329525	55.145	ug/l	98
71) Bromoform	12.10	173	88332	51.027	ug/l #	99
73) Isopropylbenzene	12.22	105	491857	52.251	ug/l	100
74) N-amyl acetate	12.04	43	184744	49.870	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	148915	53.972	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	146993m	50.435	ug/l	
77) Bromobenzene	12.50	156	127868	50.384	ug/l	99
78) n-propylbenzene	12.56	91	546429	50.955	ug/l	98
79) 2-Chlorotoluene	12.65	91	333178	50.262	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	423970	54.186	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	51573	48.498	ug/l	97
82) 4-Chlorotoluene	12.75	91	353352	50.855	ug/l	98
83) tert-Butylbenzene	12.97	119	349090	53.228	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	429807	54.330	ug/l	100
85) sec-Butylbenzene	13.14	105	445760	51.191	ug/l	100
86) p-Isopropyltoluene	13.26	119	417158	52.620	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	230370	51.092	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	230034	48.242	ug/l	99
89) n-Butylbenzene	13.59	91	332599	47.773	ug/l	99
90) Hexachloroethane	13.85	117	73795	53.583	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	227218	51.323	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29029	46.759	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	120404	43.963	ug/l	100
94) Hexachlorobutadiene	14.98	225	60512	49.072	ug/l	99
95) Naphthalene	15.10	128	359751	43.846	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	113447	43.768	ug/l	100

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

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