

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064909.D
 Acq On : 4 Dec 2020 10:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:45:21 AM

Quant Time: Dec 05 01:46:25 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	242961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	360665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	328734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	162330	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	135296	47.90	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.80%
35) Dibromofluoromethane	7.55	113	117451	54.42	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.84%
50) Toluene-d8	10.06	98	451018	51.15	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.30%
62) 4-Bromofluorobenzene	12.37	95	161454	51.16	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.32%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	88617	42.085	ug/l 97
3) Chloromethane	2.04	50	113881	41.618	ug/l 100
4) Vinyl Chloride	2.17	62	123642	43.340	ug/l 97
5) Bromomethane	2.54	94	84194	44.983	ug/l 100
6) Chloroethane	2.68	64	79330	44.959	ug/l 98
7) Trichlorofluoromethane	2.99	101	186659	47.333	ug/l 99
8) Diethyl Ether	3.37	74	72568	46.619	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	115743	48.926	ug/l 99
10) Methyl Iodide	3.91	142	141413	46.086	ug/l 99
11) Tert butyl alcohol	4.74	59	90490	205.425	ug/l 99
12) 1,1-Dichloroethene	3.69	96	110487	46.896	ug/l 99
13) Acrolein	3.57	56	58013	215.609	ug/l 98
14) Allyl chloride	4.27	41	180812	46.531	ug/l 99
15) Acrylonitrile	4.93	53	282868	232.451	ug/l 99
16) Acetone	3.78	43	208555	224.610	ug/l 97
17) Carbon Disulfide	4.01	76	266594	43.826	ug/l 99
18) Methyl Acetate	4.28	43	132042	47.299	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	375826	49.737	ug/l 99
20) Methylene Chloride	4.50	84	132781	45.636	ug/l 98
21) trans-1,2-Dichloroethene	4.99	96	120432	46.031	ug/l 99
22) Diisopropyl ether	5.90	45	385310	49.540	ug/l 99
23) Vinyl Acetate	5.84	43	1544320	248.294	ug/l 99
24) 1,1-Dichloroethane	5.79	63	227326	48.905	ug/l 99
25) 2-Butanone	6.78	43	352012	233.868	ug/l 97
26) 2,2-Dichloropropane	6.77	77	197965	49.105	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	144392	49.045	ug/l 98
28) Bromochloromethane	7.15	49	90594	42.603	ug/l 97
29) Tetrahydrofuran	7.16	42	231124	222.446	ug/l 98
30) Chloroform	7.32	83	231315	48.256	ug/l 99
31) Cyclohexane	7.61	56	173484	44.067	ug/l 98
32) 1,1,1-Trichloroethane	7.52	97	197473	47.965	ug/l 99
36) 1,1-Dichloropropene	7.75	75	168233	50.324	ug/l 99
37) Ethyl Acetate	6.88	43	148991	46.268	ug/l 99
38) Carbon Tetrachloride	7.73	117	177527	51.037	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	177120	49.217	ug/l	95
40) Benzene	8.00	78	520381	50.798	ug/l	99
41) Methacrylonitrile	7.12	41	77878	52.412	ug/l	86
42) 1,2-Dichloroethane	8.08	62	170757	49.412	ug/l	99
43) Isopropyl Acetate	8.13	43	251794	48.593	ug/l #	90
44) Trichloroethene	8.80	130	151694	50.187	ug/l	95
45) 1,2-Dichloropropane	9.08	63	140029	52.783	ug/l	99
46) Dibromomethane	9.17	93	89614	50.563	ug/l	99
47) Bromodichloromethane	9.37	83	185472	52.010	ug/l	100
48) Methyl methacrylate	9.16	41	123169	49.745	ug/l	98
49) 1,4-Dioxane	9.16	88	41504	886.893	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	760937	244.609	ug/l	100
52) Toluene	10.12	92	329700	52.261	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	205946	51.850	ug/l	98
54) cis-1,3-Dichloropropene	9.80	75	227921	53.536	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	130898	50.457	ug/l	97
56) Ethyl methacrylate	10.40	69	190188	53.126	ug/l	98
57) 1,3-Dichloropropane	10.68	76	216865	50.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	473581	240.493	ug/l	100
59) 2-Hexanone	10.72	43	559696	249.996	ug/l	99
60) Dibromochloromethane	10.87	129	150347	52.137	ug/l	98
61) 1,2-Dibromoethane	10.97	107	136155	51.659	ug/l	98
64) Tetrachloroethene	10.60	164	157634	49.287	ug/l	97
65) Chlorobenzene	11.40	112	365729	51.807	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	136089	52.455	ug/l	98
67) Ethyl Benzene	11.48	91	617353	52.348	ug/l	100
68) m/p-Xylenes	11.59	106	482224	108.000	ug/l	98
69) o-Xylene	11.92	106	231261	54.580	ug/l	99
70) Styrene	11.94	104	398074	55.652	ug/l	99
71) Bromoform	12.10	173	105784	51.051	ug/l #	99
73) Isopropylbenzene	12.22	105	603487	53.448	ug/l	100
74) N-amyl acetate	12.04	43	222906	50.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	163280	49.337	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	178436m	51.041	ug/l	
77) Bromobenzene	12.50	156	156051	51.264	ug/l	99
78) n-propylbenzene	12.56	91	677956	52.706	ug/l	98
79) 2-Chlorotoluene	12.65	91	405493	50.998	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	507090	54.031	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	63482	49.769	ug/l	98
82) 4-Chlorotoluene	12.75	91	431530	51.778	ug/l	98
83) tert-Butylbenzene	12.97	119	421930	53.636	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	519078	54.703	ug/l	100
85) sec-Butylbenzene	13.14	105	550309	52.688	ug/l	100
86) p-Isopropyltoluene	13.26	119	519783	54.661	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	276749	51.171	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	277228	48.470	ug/l	100
89) n-Butylbenzene	13.59	91	432284	51.765	ug/l	100
90) Hexachloroethane	13.85	117	86856	52.578	ug/l	98
91) 1,2-Dichlorobenzene	13.62	146	269702	50.788	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	33446	44.914	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	158598	48.279	ug/l	100
94) Hexachlorobutadiene	14.98	225	74150	50.124	ug/l	99
95) Naphthalene	15.10	128	465810	47.331	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	148173	47.534	ug/l	98

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

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