

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064647.D
 Acq On : 13 Nov 2020 21:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/17/2020 6:41:54 PM

Quant Time: Nov 17 03:30:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	286832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	505272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	478315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	236953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	253004	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	7.55	113	175680	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.06	98	653828	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.37	95	248551	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	168781	45.203	ug/l	100
3) Chloromethane	2.04	50	194628	42.915	ug/l	98
4) Vinyl Chloride	2.17	62	213047	45.745	ug/l	97
5) Bromomethane	2.53	94	147130	49.451	ug/l	94
6) Chloroethane	2.68	64	146452	49.116	ug/l	99
7) Trichlorofluoromethane	2.99	101	356981	52.054	ug/l	98
8) Diethyl Ether	3.37	74	125393	51.777	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	157675	48.417	ug/l	100
10) Methyl Iodide	3.91	142	197768	52.263	ug/l	99
11) Tert butyl alcohol	4.75	59	135703	246.296	ug/l	99
12) 1,1-Dichloroethene	3.69	96	146790	47.852	ug/l	94
13) Acrolein	3.57	56	72179	211.197	ug/l	96
14) Allyl chloride	4.27	41	274511	45.745	ug/l	99
15) Acrylonitrile	4.93	53	406794	265.189	ug/l	97
16) Acetone	3.78	43	384062	201.805	ug/l	99
17) Carbon Disulfide	4.01	76	415343	45.276	ug/l	99
18) Methyl Acetate	4.28	43	210953	56.382	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	537533	48.687	ug/l	96
20) Methylene Chloride	4.51	84	180448	47.789	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	163856	47.044	ug/l	98
22) Diisopropyl ether	5.91	45	617065	48.442	ug/l	99
23) Vinyl Acetate	5.85	43	2543017	245.405	ug/l	98
24) 1,1-Dichloroethane	5.80	63	340957	48.710	ug/l	99
25) 2-Butanone	6.79	43	578861	238.719	ug/l	96
26) 2,2-Dichloropropane	6.78	77	281505	44.426	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	192197	47.621	ug/l	97
28) Bromochloromethane	7.15	49	160219	46.567	ug/l	96
29) Tetrahydrofuran	7.17	42	386718	259.942	ug/l	98
30) Chloroform	7.33	83	373717	50.792	ug/l	95
31) Cyclohexane	7.61	56	258704	42.596	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	327298	50.153	ug/l	98
36) 1,1-Dichloropropene	7.75	75	260344	48.773	ug/l	98
37) Ethyl Acetate	6.88	43	257614	47.589	ug/l	99
38) Carbon Tetrachloride	7.73	117	293234	51.401	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	227225	47.487	ug/l	97
40) Benzene	8.00	78	757486	48.293	ug/l	99
41) Methacrylonitrile	7.13	41	121563	51.368	ug/l	90
42) 1,2-Dichloroethane	8.09	62	326377	51.561	ug/l	99
43) Isopropyl Acetate	8.13	43	434000	50.171	ug/l	98
44) Trichloroethene	8.80	130	193479	48.891	ug/l	99
45) 1,2-Dichloropropane	9.08	63	209649	50.093	ug/l	98
46) Dibromomethane	9.17	93	147564	53.561	ug/l	98
47) Bromodichloromethane	9.37	83	311874	52.646	ug/l	99
48) Methyl methacrylate	9.17	41	224454	51.421	ug/l	99
49) 1,4-Dioxane	9.17	88	58562	1018.583	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1374709	272.507	ug/l	99
52) Toluene	10.12	92	491541	51.380	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	317227	50.510	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	332516	49.519	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	196135	52.569	ug/l	98
56) Ethyl methacrylate	10.40	69	280852	45.909	ug/l	98
57) 1,3-Dichloropropane	10.68	76	340503	52.286	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	740765	254.921	ug/l	97
59) 2-Hexanone	10.72	43	996067	242.265	ug/l	99
60) Dibromochloromethane	10.87	129	233101	55.803	ug/l	99
61) 1,2-Dibromoethane	10.98	107	205428	54.283	ug/l	99
64) Tetrachloroethene	10.60	164	179793	48.798	ug/l	97
65) Chlorobenzene	11.41	112	517629	49.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	207782	53.116	ug/l	99
67) Ethyl Benzene	11.48	91	946782	50.762	ug/l	99
68) m/p-Xylenes	11.59	106	703842	104.055	ug/l	98
69) o-Xylene	11.92	106	334754	51.215	ug/l	100
70) Styrene	11.94	104	589251	53.574	ug/l	99
71) Bromoform	12.10	173	151205	51.441	ug/l #	99
73) Isopropylbenzene	12.22	105	880300	46.741	ug/l	100
74) N-amyl acetate	12.04	43	386898	42.542	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	285205	49.302	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	264321m	46.040	ug/l	
77) Bromobenzene	12.50	156	214288	46.603	ug/l	99
78) n-propylbenzene	12.57	91	1042554	48.554	ug/l	99
79) 2-Chlorotoluene	12.65	91	646432	47.467	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	763477	49.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	97423	47.380	ug/l	99
82) 4-Chlorotoluene	12.75	91	686596	48.142	ug/l	100
83) tert-Butylbenzene	12.97	119	598782	49.344	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	775941	49.678	ug/l	99
85) sec-Butylbenzene	13.14	105	773738	50.346	ug/l	99
86) p-Isopropyltoluene	13.26	119	706266	51.091	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	384819	48.414	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	382639	46.583	ug/l	99
89) n-Butylbenzene	13.59	91	590833	49.710	ug/l	99
90) Hexachloroethane	13.85	117	137820	51.683	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	380505	49.767	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61603	53.487	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	162593	43.148	ug/l	99
94) Hexachlorobutadiene	14.98	225	82491	52.992	ug/l	99
95) Naphthalene	15.10	128	520619	40.780	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	166859	45.618	ug/l	98

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

