

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064672.D
 Acq On : 17 Nov 2020 11:02
 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
 11/18/2020 5:15:08 PM

Quant Time: Nov 18 01:58:28 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	7.62	168	301409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	497637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	480463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	238673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	249981	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	7.55	113	172955	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.06	98	664548	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.37	95	249609	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	180721	46.060	ug/l	95
3) Chloromethane	2.04	50	195527	41.028	ug/l	100
4) Vinyl Chloride	2.17	62	218936	44.736	ug/l	97
5) Bromomethane	2.53	94	151186	48.357	ug/l	94
6) Chloroethane	2.67	64	147789	47.167	ug/l	93
7) Trichlorofluoromethane	2.99	101	377434	52.375	ug/l	99
8) Diethyl Ether	3.37	74	123497	48.528	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	166055	48.524	ug/l	99
10) Methyl Iodide	3.91	142	179474	45.135	ug/l	99
11) Tert butyl alcohol	4.74	59	133577	230.713	ug/l	100
12) 1,1-Dichloroethene	3.69	96	150743	46.764	ug/l	98
13) Acrolein	3.57	56	82466	229.627	ug/l	95
14) Allyl chloride	4.27	41	273554	43.381	ug/l	95
15) Acrylonitrile	4.93	53	394445	244.703	ug/l	98
16) Acetone	3.77	43	474507	237.271	ug/l	99
17) Carbon Disulfide	4.00	76	422594	43.838	ug/l	100
18) Methyl Acetate	4.28	43	198799	50.564	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	550145	47.419	ug/l	96
20) Methylene Chloride	4.50	84	184612	46.527	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	175118	47.846	ug/l	94
22) Diisopropyl ether	5.90	45	617080	46.100	ug/l	98
23) Vinyl Acetate	5.84	43	2566231	235.668	ug/l	98
24) 1,1-Dichloroethane	5.79	63	340879	46.344	ug/l	100
25) 2-Butanone	6.78	43	608513	238.811	ug/l	98
26) 2,2-Dichloropropane	6.77	77	329076	49.422	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	200847	47.358	ug/l	98
28) Bromochloromethane	7.14	49	163105	45.113	ug/l	99
29) Tetrahydrofuran	7.17	42	357491	228.675	ug/l	97
30) Chloroform	7.33	83	381187	49.302	ug/l	100
31) Cyclohexane	7.61	56	271062	42.473	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	346419	50.516	ug/l	98
36) 1,1-Dichloropropene	7.75	75	270759	51.503	ug/l	98
37) Ethyl Acetate	6.88	43	244536	45.894	ug/l	99
38) Carbon Tetrachloride	7.73	117	301663	53.690	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	255317	54.176	ug/l	98
40) Benzene	8.00	78	767012	49.650	ug/l	100
41) Methacrylonitrile	7.12	41	95425	40.942	ug/l	92
42) 1,2-Dichloroethane	8.08	62	320983	51.487	ug/l	99
43) Isopropyl Acetate	8.13	43	423234	49.677	ug/l #	90
44) Trichloroethene	8.80	130	200253	51.379	ug/l	100
45) 1,2-Dichloropropane	9.08	63	212210	51.483	ug/l	98
46) Dibromomethane	9.17	93	146638	54.041	ug/l	99
47) Bromodichloromethane	9.37	83	316738	54.288	ug/l	98
48) Methyl methacrylate	9.16	41	212059	49.327	ug/l	96
49) 1,4-Dioxane	9.16	88	55621	982.272	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1309243	263.511	ug/l	100
52) Toluene	10.12	92	503136	53.399	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	335856	54.297	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	344105	52.031	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	196649	53.516	ug/l	98
56) Ethyl methacrylate	10.40	69	278894	46.273	ug/l	98
57) 1,3-Dichloropropane	10.68	76	341269	53.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	869950	299.827	ug/l	96
59) 2-Hexanone	10.72	43	986962	243.709	ug/l	99
60) Dibromochloromethane	10.87	129	235875	57.333	ug/l	100
61) 1,2-Dibromoethane	10.97	107	207266	55.609	ug/l	98
64) Tetrachloroethene	10.60	164	190958	51.596	ug/l	98
65) Chlorobenzene	11.40	112	536292	50.916	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	211628	53.858	ug/l	98
67) Ethyl Benzene	11.48	91	980403	52.330	ug/l	99
68) m/p-Xylenes	11.59	106	730830	107.562	ug/l	97
69) o-Xylene	11.92	106	341781	52.056	ug/l	97
70) Styrene	11.94	104	608424	55.070	ug/l	99
71) Bromoform	12.10	173	152648	51.693	ug/l #	100
73) Isopropylbenzene	12.22	105	938076	49.449	ug/l	100
74) N-amyl acetate	12.04	43	383816	41.917	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	274536	47.116	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	255473m	44.178	ug/l	
77) Bromobenzene	12.50	156	220926	47.700	ug/l	97
78) n-propylbenzene	12.57	91	1116054	51.603	ug/l	99
79) 2-Chlorotoluene	12.65	91	668133	48.707	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	806895	51.558	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	100353	48.453	ug/l	98
82) 4-Chlorotoluene	12.75	91	714632	49.746	ug/l	99
83) tert-Butylbenzene	12.97	119	645299	52.794	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	811456	51.578	ug/l	99
85) sec-Butylbenzene	13.14	105	864307	55.834	ug/l	99
86) p-Isopropyltoluene	13.26	119	788200	56.607	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	408666	51.044	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	406483	49.129	ug/l	98
89) n-Butylbenzene	13.59	91	689365	57.583	ug/l	99
90) Hexachloroethane	13.85	117	147437	54.891	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	396234	51.451	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58605	50.517	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	186477	48.760	ug/l	100
94) Hexachlorobutadiene	14.98	225	102431	65.327	ug/l	98
95) Naphthalene	15.10	128	540183	41.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	184021	49.684	ug/l	99

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

