

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064697.D
 Acq On : 17 Nov 2020 21:55
 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
 11/18/2020 5:16:01 PM

Quant Time: Nov 18 03:38:35 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	279572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	490699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	486418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	242476	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	236028	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	7.55	113	157554	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
50) Toluene-d8	10.06	98	618195	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.37	95	243960	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	154964	42.581	ug/l	99
3) Chloromethane	2.04	50	171207	38.731	ug/l	98
4) Vinyl Chloride	2.17	62	187319	41.265	ug/l	98
5) Bromomethane	2.53	94	134148	46.259	ug/l	96
6) Chloroethane	2.68	64	132568	45.614	ug/l	98
7) Trichlorofluoromethane	2.99	101	352050	52.669	ug/l	99
8) Diethyl Ether	3.37	74	117168	49.638	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	149674	47.154	ug/l	99
10) Methyl Iodide	3.91	142	182325	49.434	ug/l	99
11) Tert butyl alcohol	4.74	59	111362	207.367	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	140664	47.046	ug/l	93
13) Acrolein	3.57	56	18127	54.417	ug/l	95
14) Allyl chloride	4.28	41	243415	41.617	ug/l	95
15) Acrylonitrile	4.93	53	355736	237.927	ug/l	99
16) Acetone	3.78	43	331825	178.885	ug/l	98
17) Carbon Disulfide	4.01	76	381756	42.695	ug/l	100
18) Methyl Acetate	4.28	43	193586	53.084	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	507627	47.172	ug/l	99
20) Methylene Chloride	4.50	84	171544	46.610	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	159117	46.870	ug/l	97
22) Diisopropyl ether	5.90	45	561003	45.185	ug/l	98
23) Vinyl Acetate	5.85	43	2284125	226.145	ug/l	98
24) 1,1-Dichloroethane	5.80	63	313855	46.002	ug/l	100
25) 2-Butanone	6.78	43	491184	207.822	ug/l	94
26) 2,2-Dichloropropane	6.78	77	272928	44.191	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	185506	47.157	ug/l	97
28) Bromochloromethane	7.15	49	147637	44.024	ug/l	96
29) Tetrahydrofuran	7.17	42	326882	225.428	ug/l	97
30) Chloroform	7.33	83	351110	48.959	ug/l	100
31) Cyclohexane	7.61	56	233089	39.375	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	312902	49.193	ug/l	98
36) 1,1-Dichloropropene	7.75	75	242030	46.689	ug/l	98
37) Ethyl Acetate	6.88	43	215364	41.072	ug/l	98
38) Carbon Tetrachloride	7.73	117	272529	49.190	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	210379	45.272	ug/l	99
40) Benzene	8.00	78	705086	46.287	ug/l	99
41) Methacrylonitrile	7.12	41	95810	41.688	ug/l	98
42) 1,2-Dichloroethane	8.08	62	305084	49.628	ug/l	100
43) Isopropyl Acetate	8.13	43	412062	49.049	ug/l	99
44) Trichloroethene	8.80	130	199890	52.011	ug/l	100
45) 1,2-Dichloropropane	9.08	63	193701	47.657	ug/l	98
46) Dibromomethane	9.17	93	137799	51.502	ug/l	96
47) Bromodichloromethane	9.37	83	289117	50.254	ug/l	97
48) Methyl methacrylate	9.16	41	196950	46.460	ug/l	97
49) 1,4-Dioxane	9.17	88	47493	850.589	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1170556	238.929	ug/l	100
52) Toluene	10.12	92	456106	49.092	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	319878	52.445	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	309144	47.406	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	184269	50.856	ug/l	99
56) Ethyl methacrylate	10.40	69	273748	46.070	ug/l	97
57) 1,3-Dichloropropane	10.68	76	317653	50.226	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	704881	250.211	ug/l	96
59) 2-Hexanone	10.72	43	873091	219.053	ug/l	99
60) Dibromochloromethane	10.87	129	226532	55.841	ug/l	98
61) 1,2-Dibromoethane	10.98	107	199511	54.285	ug/l	100
64) Tetrachloroethene	10.60	164	219422	58.561	ug/l	98
65) Chlorobenzene	11.40	112	507829	47.624	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	196541	49.406	ug/l	98
67) Ethyl Benzene	11.48	91	916702	48.331	ug/l	99
68) m/p-Xylenes	11.59	106	681661	99.097	ug/l	100
69) o-Xylene	11.92	106	319341	48.043	ug/l	99
70) Styrene	11.94	104	570600	51.014	ug/l	98
71) Bromoform	12.10	173	141576	47.463	ug/l #	100
73) Isopropylbenzene	12.22	105	840818	43.627	ug/l	100
74) N-amyl acetate	12.04	43	391248	42.055	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	223086	37.686	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	238440m	40.586	ug/l	
77) Bromobenzene	12.50	156	205267	43.624	ug/l	99
78) n-propylbenzene	12.56	91	1000682	45.543	ug/l	99
79) 2-Chlorotoluene	12.65	91	624411	44.806	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	723712	45.518	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	87017	41.355	ug/l	96
82) 4-Chlorotoluene	12.75	91	671519	46.012	ug/l	99
83) tert-Butylbenzene	12.97	119	568254	45.762	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	755552	47.271	ug/l	100
85) sec-Butylbenzene	13.14	105	751479	47.784	ug/l	98
86) p-Isopropyltoluene	13.26	119	701128	49.564	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	386055	47.463	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	388532	46.223	ug/l	99
89) n-Butylbenzene	13.59	91	620949	51.054	ug/l	99
90) Hexachloroethane	13.85	117	101080	37.042	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	383200	48.978	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58786	49.878	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	204160	52.340	ug/l	100
94) Hexachlorobutadiene	14.98	225	83014	52.113	ug/l	99
95) Naphthalene	15.10	128	666214	50.088	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	196187	52.001	ug/l	97

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

