

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062419.D
 Acq On : 8 Jul 2020 20:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:58:39 AM

Quant Time: Jul 09 03:06:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	200039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	353107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	321352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	158111	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.78%		
35) Dibromofluoromethane	7.55	113	111091	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.80%		
50) Toluene-d8	10.06	98	445434	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.40%		
62) 4-Bromofluorobenzene	12.38	95	161271	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.44%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	97781	47.988	ug/l	97
3) Chloromethane	2.04	50	153070	46.819	ug/l	99
4) Vinyl Chloride	2.16	62	130675	48.785	ug/l	98
5) Bromomethane	2.52	94	68382	47.534	ug/l	98
6) Chloroethane	2.67	64	77580	49.728	ug/l	97
7) Trichlorofluoromethane	2.98	101	165560	48.667	ug/l	99
8) Diethyl Ether	3.37	74	75646	49.728	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	98232	48.711	ug/l	99
10) Methyl Iodide	3.91	142	134798	50.623	ug/l	100
11) Tert butyl alcohol	4.73	59	120545	236.179	ug/l	99
12) 1,1-Dichloroethene	3.70	96	99972	48.691	ug/l	95
13) Acrolein	3.57	56	87083	236.517	ug/l	98
14) Allyl chloride	4.27	41	235794	48.830	ug/l	99
15) Acrylonitrile	4.93	53	341307	254.973	ug/l	99
16) Acetone	3.78	43	286122	219.033	ug/l	99
17) Carbon Disulfide	4.01	76	304539	47.335	ug/l	99
18) Methyl Acetate	4.28	43	154872	47.508	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	383642	49.283	ug/l	99
20) Methylene Chloride	4.50	84	126799	45.399	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	109720	49.327	ug/l	99
22) Diisopropyl ether	5.91	45	480822	50.399	ug/l	95
23) Vinyl Acetate	5.84	43	2025518	256.296	ug/l	100
24) 1,1-Dichloroethane	5.80	63	243801	49.454	ug/l	98
25) 2-Butanone	6.79	43	469906	246.312	ug/l	100
26) 2,2-Dichloropropane	6.78	77	173361	45.863	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	128638	49.929	ug/l	99
28) Bromochloromethane	7.15	49	134118	50.075	ug/l	100
29) Tetrahydrofuran	7.17	42	323289	251.702	ug/l	100
30) Chloroform	7.33	83	222639	50.018	ug/l	99
31) Cyclohexane	7.61	56	217979	46.641	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	184247	49.762	ug/l	100
36) 1,1-Dichloropropene	7.75	75	171659	48.253	ug/l	99
37) Ethyl Acetate	6.88	43	195894	47.092	ug/l	100
38) Carbon Tetrachloride	7.73	117	156557	48.950	ug/l	99

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39) Methylcyclohexane	9.05	83	183965	48.437	ug/l	99
40) Benzene	8.00	78	511996	48.832	ug/l	100
41) Methacrylonitrile	7.13	41	88341	50.829	ug/l	99
42) 1,2-Dichloroethane	8.09	62	190364	49.586	ug/l	100
43) Isopropyl Acetate	8.13	43	325345	49.509	ug/l	99
44) Trichloroethene	8.80	130	113002	48.576	ug/l	97
45) 1,2-Dichloropropane	9.08	63	149595	49.149	ug/l	99
46) Dibromomethane	9.18	93	84058	48.939	ug/l	99
47) Bromodichloromethane	9.37	83	180896	49.261	ug/l	99
48) Methyl methacrylate	9.17	41	159669	49.533	ug/l	100
49) 1,4-Dioxane	9.17	88	48270	1028.816	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	990188	252.280	ug/l	100
52) Toluene	10.12	92	301584	49.798	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	204198	49.633	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	221889	48.881	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	119341	50.103	ug/l	97
56) Ethyl methacrylate	10.40	69	207984	47.534	ug/l	99
57) 1,3-Dichloropropane	10.68	76	219701	49.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	354624	250.956	ug/l	99
59) 2-Hexanone	10.72	43	718456	252.142	ug/l	99
60) Dibromochloromethane	10.87	129	126870	49.124	ug/l	99
61) 1,2-Dibromoethane	10.98	107	119874	49.855	ug/l	99
64) Tetrachloroethene	10.60	164	91445	47.955	ug/l	99
65) Chlorobenzene	11.41	112	311572	49.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	113586	49.317	ug/l	98
67) Ethyl Benzene	11.48	91	587032	50.073	ug/l	99
68) m/p-Xylenes	11.60	106	419437	101.065	ug/l	99
69) o-Xylene	11.92	106	203357	50.326	ug/l	99
70) Styrene	11.94	104	351069	52.569	ug/l	99
71) Bromoform	12.10	173	87141	51.612	ug/l #	98
73) Isopropylbenzene	12.22	105	551176	47.639	ug/l	99
74) N-amyl acetate	12.05	43	284929	50.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	184647	47.465	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	160983m	43.881	ug/l	
77) Bromobenzene	12.50	156	125283	47.631	ug/l	97
78) n-propylbenzene	12.57	91	647466	47.908	ug/l	100
79) 2-Chlorotoluene	12.65	91	388958	47.420	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	465489	49.078	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	62922	45.908	ug/l	99
82) 4-Chlorotoluene	12.75	91	403035	48.400	ug/l	100
83) tert-Butylbenzene	12.97	119	386867	48.065	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	457864	48.567	ug/l	100
85) sec-Butylbenzene	13.15	105	520304	48.783	ug/l	100
86) p-Isopropyltoluene	13.26	119	451563	49.054	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	220733	48.645	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	221306	47.399	ug/l	99
89) n-Butylbenzene	13.59	91	388389	47.783	ug/l	100
90) Hexachloroethane	13.85	117	87132	48.117	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	215693	49.163	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	34427	48.494	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	103198	49.578	ug/l	97
94) Hexachlorobutadiene	14.98	225	55781	47.886	ug/l	98
95) Naphthalene	15.10	128	277651	48.843	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	101288	43.335	ug/l	99

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

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