

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064722.D
 Acq On : 18 Nov 2020 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:12:34 PM

Quant Time: Nov 19 03:00:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	273286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	493951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	463861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	230987	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	238012	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.55	113	129174	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
50) Toluene-d8	10.06	98	623016	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.37	95	230819	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	169141	49.533	ug/l	100
3) Chloromethane	2.04	50	188784	49.996	ug/l	99
4) Vinyl Chloride	2.17	62	197842	50.215	ug/l	99
5) Bromomethane	2.53	94	139239	48.194	ug/l	95
6) Chloroethane	2.67	64	137574	51.752	ug/l	100
7) Trichlorofluoromethane	2.99	101	354331	50.213	ug/l	99
8) Diethyl Ether	3.37	74	117629	51.662	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	150888	49.479	ug/l	99
10) Methyl Iodide	3.91	142	190887	52.365	ug/l	100
11) Tert butyl alcohol	4.74	59	132439	283.955	ug/l	99
12) 1,1-Dichloroethene	3.69	96	146186	49.755	ug/l	95
13) Acrolein	3.57	56	31355	287.140	ug/l	96
14) Allyl chloride	4.27	41	266502	52.826	ug/l	99
15) Acrylonitrile	4.93	53	374165	273.205	ug/l	100
16) Acetone	3.78	43	341840	292.995	ug/l	96
17) Carbon Disulfide	4.01	76	429794	50.300	ug/l	99
18) Methyl Acetate	4.28	43	178425	50.559	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	528654	53.773	ug/l	100
20) Methylene Chloride	4.50	84	178048	50.013	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	164114	50.060	ug/l	93
22) Diisopropyl ether	5.91	45	580205	54.459	ug/l	97
23) Vinyl Acetate	5.84	43	2337663	271.879	ug/l	100
24) 1,1-Dichloroethane	5.80	63	321929	51.575	ug/l	99
25) 2-Butanone	6.79	43	531854	289.361	ug/l	99
26) 2,2-Dichloropropane	6.78	77	293920	49.553	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	192453	53.246	ug/l	98
28) Bromochloromethane	7.15	49	156781	49.815	ug/l	100
29) Tetrahydrofuran	7.17	42	347376	279.714	ug/l	99
30) Chloroform	7.33	83	358370	52.831	ug/l	96
31) Cyclohexane	7.61	56	255599	49.177	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	319800	51.580	ug/l	99
36) 1,1-Dichloropropene	7.75	75	254541	50.089	ug/l	98
37) Ethyl Acetate	6.88	43	237811	55.887	ug/l	99
38) Carbon Tetrachloride	7.73	117	280527	51.943	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	226971	50.407	ug/l	99
40) Benzene	8.00	78	732154	51.708	ug/l	99
41) Methacrylonitrile	7.13	41	119885	61.469	ug/l	90
42) 1,2-Dichloroethane	8.08	62	312050	51.221	ug/l	98
43) Isopropyl Acetate	8.13	43	416491	50.498	ug/l	98
44) Trichloroethene	8.80	130	201046	49.475	ug/l	98
45) 1,2-Dichloropropane	9.08	63	196150	51.970	ug/l	99
46) Dibromomethane	9.17	93	138529	51.779	ug/l	98
47) Bromodichloromethane	9.37	83	290769	51.698	ug/l	99
48) Methyl methacrylate	9.16	41	206201	52.986	ug/l	99
49) 1,4-Dioxane	9.17	88	56080	1155.044	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1254640	251.947	ug/l	99
52) Toluene	10.12	92	480545	55.103	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	311404	51.733	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	321570	51.882	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	184020	52.610	ug/l	98
56) Ethyl methacrylate	10.40	69	272941	47.669	ug/l	100
57) 1,3-Dichloropropane	10.68	76	316048	52.161	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	736650	235.459	ug/l	99
59) 2-Hexanone	10.72	43	910171	248.889	ug/l	99
60) Dibromochloromethane	10.87	129	210479	52.083	ug/l	99
61) 1,2-Dibromoethane	10.97	107	192315	51.548	ug/l	99
64) Tetrachloroethene	10.60	164	208215	50.633	ug/l	99
65) Chlorobenzene	11.41	112	495893	50.257	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	191000	51.806	ug/l	97
67) Ethyl Benzene	11.48	91	919856	52.873	ug/l	100
68) m/p-Xylenes	11.59	106	685052	97.094	ug/l	99
69) o-Xylene	11.92	106	327163	53.902	ug/l	99
70) Styrene	11.94	104	560544	47.487	ug/l	99
71) Bromoform	12.10	173	135697	47.477	ug/l #	99
73) Isopropylbenzene	12.22	105	846707	51.628	ug/l	99
74) N-amyl acetate	12.04	43	389129	50.807	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	226560	49.411	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	236642m	47.547	ug/l	
77) Bromobenzene	12.50	156	202225	48.890	ug/l	99
78) n-propylbenzene	12.56	91	992016	51.940	ug/l	99
79) 2-Chlorotoluene	12.65	91	608663	49.793	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	724658	53.192	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	88643	46.024	ug/l	97
82) 4-Chlorotoluene	12.75	91	655988	50.328	ug/l	99
83) tert-Butylbenzene	12.97	119	557344	52.883	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	742651	53.412	ug/l	99
85) sec-Butylbenzene	13.14	105	747420	53.206	ug/l	99
86) p-Isopropyltoluene	13.26	119	686363	53.126	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	368450	48.888	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	367415	47.486	ug/l	99
89) n-Butylbenzene	13.59	91	604640	50.132	ug/l	98
90) Hexachloroethane	13.85	117	114231	53.484	ug/l	98
91) 1,2-Dichlorobenzene	13.62	146	355137	48.213	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58675	48.765	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	187867	46.957	ug/l	99
94) Hexachlorobutadiene	14.98	225	77590	47.235	ug/l	98
95) Naphthalene	15.10	128	660613	50.884	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	184288	47.984	ug/l	99

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

