

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062568.D
 Acq On : 21 Jul 2020 12:45
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:45:38 PM

Quant Time: Jul 21 13:25:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 13:13:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	215563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	354489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	336505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157229	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	164773	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.55	113	116760	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.06	98	461305	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.38	95	170901	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	122081	54.894	ug/l	100
3) Chloromethane	2.03	50	164346	47.101	ug/l	100
4) Vinyl Chloride	2.16	62	147631	51.103	ug/l	100
5) Bromomethane	2.52	94	63384	42.506	ug/l	100
6) Chloroethane	2.66	64	68505	42.299	ug/l	100
7) Trichlorofluoromethane	2.98	101	178104	48.943	ug/l	100
8) Diethyl Ether	3.37	74	83402	51.007	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	110319	50.889	ug/l	100
10) Methyl Iodide	3.91	142	146975	51.635	ug/l	100
11) Tert butyl alcohol	4.73	59	129631	238.379	ug/l	100
12) 1,1-Dichloroethene	3.69	96	113434	51.277	ug/l	100
13) Acrolein	3.57	56	140835	326.783	ug/l	100
14) Allyl chloride	4.27	41	250287	48.698	ug/l	100
15) Acrylonitrile	4.93	53	368532	257.782	ug/l	100
16) Acetone	3.77	43	307133	221.986	ug/l	100
17) Carbon Disulfide	4.01	76	359421	51.528	ug/l	100
18) Methyl Acetate	4.28	43	156940	45.489	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	430776	51.389	ug/l	100
20) Methylene Chloride	4.50	84	142729	47.412	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	125649	52.443	ug/l	100
22) Diisopropyl ether	5.90	45	502431	49.466	ug/l	100
23) Vinyl Acetate	5.84	43	2135789	253.832	ug/l	100
24) 1,1-Dichloroethane	5.80	63	264719	50.128	ug/l	100
25) 2-Butanone	6.79	43	492306	243.364	ug/l	100
26) 2,2-Dichloropropane	6.77	77	211529	51.673	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	144911	52.178	ug/l	100
28) Bromochloromethane	7.15	49	133991	47.039	ug/l	100
29) Tetrahydrofuran	7.17	42	335383	245.709	ug/l	100
30) Chloroform	7.33	83	249524	52.019	ug/l	100
31) Cyclohexane	7.61	56	234112	46.967	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	210283	52.557	ug/l	100
36) 1,1-Dichloropropene	7.75	75	189008	52.967	ug/l	100
37) Ethyl Acetate	6.88	43	209853	50.576	ug/l	100
38) Carbon Tetrachloride	7.73	117	185721	56.968	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	205800	54.052	ug/l	100
40) Benzene	8.00	78	572548	54.109	ug/l	100
41) Methacrylonitrile	7.12	41	84581	49.732	ug/l	100
42) 1,2-Dichloroethane	8.09	62	211261	54.530	ug/l	100
43) Isopropyl Acetate	8.13	43	344266	52.503	ug/l	100
44) Trichloroethene	8.80	130	129339	54.889	ug/l	100
45) 1,2-Dichloropropane	9.09	63	161303	52.830	ug/l	100
46) Dibromomethane	9.18	93	94403	54.430	ug/l	100
47) Bromodichloromethane	9.37	83	201936	54.595	ug/l	100
48) Methyl methacrylate	9.17	41	163159	50.967	ug/l	100
49) 1,4-Dioxane	9.17	88	50365	1068.254	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1042941	266.753	ug/l	100
52) Toluene	10.12	92	342646	55.784	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	233028	56.067	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	250305	54.705	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	132040	55.067	ug/l	100
56) Ethyl methacrylate	10.40	69	225796	56.531	ug/l	100
57) 1,3-Dichloropropane	10.68	76	242908	54.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	323297	234.830	ug/l	100
59) 2-Hexanone	10.72	43	765309	269.367	ug/l	100
60) Dibromochloromethane	10.87	129	150556	57.365	ug/l	100
61) 1,2-Dibromoethane	10.98	107	137827	56.497	ug/l	100
64) Tetrachloroethene	10.60	164	106573	53.029	ug/l	100
65) Chlorobenzene	11.41	112	353423	53.868	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	131969	54.555	ug/l	100
67) Ethyl Benzene	11.48	91	658930	53.708	ug/l	100
68) m/p-Xylenes	11.60	106	479968	110.031	ug/l	100
69) o-Xylene	11.92	106	228215	53.866	ug/l	100
70) Styrene	11.94	104	396135	56.518	ug/l	100
71) Bromoform	12.10	173	103068	57.898	ug/l	# 100
73) Isopropylbenzene	12.22	105	617216	50.843	ug/l	100
74) N-amyl acetate	12.05	43	303353	51.998	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	207178	50.801	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	197898m	50.841	ug/l	
77) Bromobenzene	12.50	156	143200	51.678	ug/l	100
78) n-propylbenzene	12.57	91	733028	51.805	ug/l	100
79) 2-Chlorotoluene	12.65	91	442442	51.364	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	531804	53.182	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	72219	50.482	ug/l	100
82) 4-Chlorotoluene	12.75	91	458062	52.319	ug/l	100
83) tert-Butylbenzene	12.97	119	438804	51.904	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	519145	52.387	ug/l	100
85) sec-Butylbenzene	13.15	105	580823	51.944	ug/l	100
86) p-Isopropyltoluene	13.26	119	511833	53.044	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	255466	53.457	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	254273	51.807	ug/l	100
89) n-Butylbenzene	13.59	91	431642	50.899	ug/l	100
90) Hexachloroethane	13.85	117	99586	52.316	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	250739	54.167	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	39115	52.676	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	121445	58.451	ug/l	100
94) Hexachlorobutadiene	14.98	225	69100	55.687	ug/l	100
95) Naphthalene	15.10	128	318974	54.832	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	120709	55.836	ug/l	100

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

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