

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080520\
 Data File : VN062756.D
 Acq On : 5 Aug 2020 12:15
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/6/2020 1:51:46 PM

Quant Time: Aug 05 12:53:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 12:39:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	151777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	243434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	227721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	120579	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	7.55	113	80765	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.06	98	316657	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.38	95	121352	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	115416	60.471	ug/l	100
3) Chloromethane	2.03	50	100183	41.678	ug/l	100
4) Vinyl Chloride	2.15	62	98242	46.568	ug/l	100
5) Bromomethane	2.50	94	59439	59.316	ug/l	100
6) Chloroethane	2.65	64	62920	62.184	ug/l	100
7) Trichlorofluoromethane	2.97	101	167650	63.501	ug/l	100
8) Diethyl Ether	3.37	74	48704	42.898	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	69937	44.359	ug/l	100
10) Methyl Iodide	3.91	142	87512	44.093	ug/l	100
11) Tert butyl alcohol	4.75	59	104956	271.890	ug/l	100
12) 1,1-Dichloroethene	3.69	96	66332	41.982	ug/l	100
13) Acrolein	3.56	56	60386	180.676	ug/l	100
14) Allyl chloride	4.27	41	124583	37.264	ug/l	100
15) Acrylonitrile	4.93	53	247161	248.049	ug/l	100
16) Acetone	3.78	43	217544	244.951	ug/l	100
17) Carbon Disulfide	4.00	76	184404	36.081	ug/l	100
18) Methyl Acetate	4.28	43	111713	49.646	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	302703	50.624	ug/l	100
20) Methylene Chloride	4.50	84	83782	40.430	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	72542	41.438	ug/l	100
22) Diisopropyl ether	5.91	45	290577	42.877	ug/l	100
23) Vinyl Acetate	5.84	43	1050169	193.648	ug/l	100
24) 1,1-Dichloroethane	5.80	63	159373	43.394	ug/l	100
25) 2-Butanone	6.79	43	331253	247.018	ug/l	100
26) 2,2-Dichloropropane	6.77	77	144512	47.009	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	87357	43.477	ug/l	100
28) Bromochloromethane	7.15	49	76523	42.693	ug/l	100
29) Tetrahydrofuran	7.17	42	219602	243.108	ug/l	100
30) Chloroform	7.33	83	169524	47.658	ug/l	100
31) Cyclohexane	7.61	56	146438	43.063	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	155994	51.766	ug/l	100
36) 1,1-Dichloropropene	7.75	75	117130	45.888	ug/l	100
37) Ethyl Acetate	6.89	43	123549	45.281	ug/l	100
38) Carbon Tetrachloride	7.73	117	132869	52.896	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	141468	50.640	ug/l	100
40) Benzene	8.00	78	339021	44.172	ug/l	100
41) Methacrylonitrile	7.13	41	61642m	50.894	ug/l	
42) 1,2-Dichloroethane	8.09	62	147678	51.267	ug/l	100
43) Isopropyl Acetate	8.13	43	205120	46.569	ug/l	100
44) Trichloroethene	8.80	130	81919	46.851	ug/l	100
45) 1,2-Dichloropropane	9.09	63	95233	44.216	ug/l	100
46) Dibromomethane	9.18	93	62160	49.104	ug/l	100
47) Bromodichloromethane	9.37	83	142595	51.389	ug/l	100
48) Methyl methacrylate	9.17	41	102916	48.707	ug/l	100
49) 1,4-Dioxane	9.17	88	39932	1181.029	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	693232	258.420	ug/l	100
52) Toluene	10.13	92	218139	48.430	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	157829	51.458	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	155567	47.947	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	89506	50.699	ug/l	100
56) Ethyl methacrylate	10.40	69	150850	53.565	ug/l	100
57) 1,3-Dichloropropane	10.68	76	159592	49.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	201737	254.119	ug/l	100
59) 2-Hexanone	10.72	43	528820	275.745	ug/l	100
60) Dibromochloromethane	10.88	129	107496	54.085	ug/l	100
61) 1,2-Dibromoethane	10.98	107	91724	50.050	ug/l	100
64) Tetrachloroethene	10.60	164	71628	48.465	ug/l	100
65) Chlorobenzene	11.41	112	235914	49.529	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	96372	52.966	ug/l	100
67) Ethyl Benzene	11.49	91	438193	50.208	ug/l	100
68) m/p-Xylenes	11.60	106	324008	103.029	ug/l	100
69) o-Xylene	11.92	106	155735	52.052	ug/l	100
70) Styrene	11.94	104	276263	54.446	ug/l	100
71) Bromoform	12.10	173	79947	57.829	ug/l #	100
73) Isopropylbenzene	12.23	105	444118	48.573	ug/l	100
74) N-amyl acetate	12.05	43	191533	47.975	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	145625	45.993	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	150292m	50.609	ug/l	
77) Bromobenzene	12.50	156	104167	47.319	ug/l	100
78) n-propylbenzene	12.57	91	521283	48.768	ug/l	100
79) 2-Chlorotoluene	12.65	91	319316	48.353	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	393439	51.639	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	53397	50.277	ug/l	100
82) 4-Chlorotoluene	12.75	91	332005	48.266	ug/l	100
83) tert-Butylbenzene	12.97	119	327763	51.722	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	385033	51.492	ug/l	100
85) sec-Butylbenzene	13.15	105	432780	51.035	ug/l	100
86) p-Isopropyltoluene	13.26	119	394087	53.718	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	194942	50.071	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	189584	49.655	ug/l	100
89) n-Butylbenzene	13.59	91	325167	51.788	ug/l	100
90) Hexachloroethane	13.85	117	77208	49.412	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	184459	49.849	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	34052	57.082	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	88934	51.843	ug/l	100
94) Hexachlorobutadiene	14.98	225	59700	52.829	ug/l	100
95) Naphthalene	15.10	128	240070	50.734	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	90204	51.589	ug/l	100

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

