

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067222.D
 Acq On : 5 Jun 2021 10:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 7:29:45 PM

Quant Time: Jun 07 01:12:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 19:00:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.091	168	174348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	303335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	331671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	201906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	113847	47.904	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.800%		
35) Dibromofluoromethane	8.024	113	91093	48.441	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.880%		
50) Toluene-d8	10.446	98	430294	56.184	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	112.360%		
62) 4-Bromofluorobenzene	12.733	95	180216	61.098	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	122.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	79134	40.312	ug/l	100
3) Chloromethane	2.298	50	137567	55.663	ug/l	100
4) Vinyl Chloride	2.445	62	178256	56.903	ug/l	99
5) Bromomethane	2.867	94	139718	58.812	ug/l	99
6) Chloroethane	3.025	64	127462	58.678	ug/l	100
7) Trichlorofluoromethane	3.381	101	125034	43.183	ug/l	99
8) Diethyl Ether	3.829	74	48080	42.974	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.218	101	72408	43.556	ug/l	91
10) Methyl Iodide	4.430	142	86642	40.693	ug/l	94
11) Tert butyl alcohol	5.372	59	78314	200.913	ug/l #	80
12) 1,1-Dichloroethene	4.189	96	71006	42.705	ug/l	95
13) Acrolein	4.047	56	21740	196.934	ug/l	98
14) Allyl chloride	4.846	41	137918	45.364	ug/l #	85
15) Acrylonitrile	5.557	53	188786	220.815	ug/l	100
16) Acetone	4.288	43	206010	251.216	ug/l	95
17) Carbon Disulfide	4.540	76	215137	44.298	ug/l	99
18) Methyl Acetate	4.857	43	99561	42.829	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	267123	45.246	ug/l	100
20) Methylene Chloride	5.098	84	90513	43.831	ug/l	93
21) trans-1,2-Dichloroethene	5.599	96	88944	46.024	ug/l	99
22) Diisopropyl ether	6.498	45	289488	49.663	ug/l	95
23) Vinyl Acetate	6.436	43	1402049	247.370	ug/l	97
24) 1,1-Dichloroethane	6.391	63	167756	47.666	ug/l	99
25) 2-Butanone	7.337	43	325883	248.170	ug/l	93
26) 2,2-Dichloropropane	7.329	77	166639	49.018	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	110222	49.237	ug/l	98
28) Bromochloromethane	7.662	49	87569	50.384	ug/l	83
29) Tetrahydrofuran	7.689	42	190638	244.133	ug/l	92
30) Chloroform	7.823	83	194575	51.108	ug/l	96
31) Cyclohexane	8.099	56	149155	46.744	ug/l	96
32) 1,1,1-Trichloroethane	8.019	97	179370	50.447	ug/l	96
36) 1,1-Dichloropropene	8.225	75	147809	52.761	ug/l	98
37) Ethyl Acetate	7.415	43	124349	46.047	ug/l	96
38) Carbon Tetrachloride	8.209	117	160588	52.488	ug/l	96
39) Methylcyclohexane	9.461	83	174906	55.111	ug/l	98
40) Benzene	8.464	78	468378	53.880	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	63811	45.644	ug/l	89
42) 1,2-Dichloroethane	8.536	62	158375	53.059	ug/l	97
43) Isopropyl Acetate	8.563	43	261936	51.008	ug/l	94
44) Trichloroethene	9.220	130	117851	53.877	ug/l	89
45) 1,2-Dichloropropane	9.491	63	114575	52.941	ug/l	99
46) Dibromomethane	9.582	93	79604	52.153	ug/l	88
47) Bromodichloromethane	9.765	83	166287	53.469	ug/l	98
48) Methyl methacrylate	9.563	41	110318	49.576	ug/l #	84
49) 1,4-Dioxane	9.574	88	31854	905.959	ug/l	96
51) 4-Methyl-2-Pentanone	10.336	43	797250	264.918	ug/l	92
52) Toluene	10.510	92	362190	63.168	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	213967	58.341	ug/l	100
54) cis-1,3-Dichloropropene	10.194	75	202091	54.473	ug/l #	87
55) 1,1,2-Trichloroethane	10.902	97	125313	57.576	ug/l	96
56) Ethyl methacrylate	10.765	69	203837	57.388	ug/l #	87
57) 1,3-Dichloropropane	11.049	76	199651	55.660	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	183299	242.884	ug/l	98
59) 2-Hexanone	11.089	43	609148	278.517	ug/l	93
60) Dibromochloromethane	11.242	129	154095	59.918	ug/l	99
61) 1,2-Dibromoethane	11.350	107	134153	58.588	ug/l	98
64) Tetrachloroethene	10.980	164	126727	56.168	ug/l	96
65) Chlorobenzene	11.773	112	383453	54.237	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	150964	56.154	ug/l	98
67) Ethyl Benzene	11.848	91	726581	55.858	ug/l	96
68) m/p-Xylenes	11.958	106	598957	117.319	ug/l	94
69) o-Xylene	12.286	106	288828	57.887	ug/l	95
70) Styrene	12.299	104	493242	57.888	ug/l	97
71) Bromoform	12.463	173	130829	59.063	ug/l #	99
73) Isopropylbenzene	12.583	105	766265	49.877	ug/l	100
74) N-amyl acetate	12.390	43	278809	45.033	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.833	83	204383	46.698	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	183336m	47.218	ug/l	
77) Bromobenzene	12.865	156	182242	52.098	ug/l	91
78) n-propylbenzene	12.924	91	920508	51.422	ug/l	97
79) 2-Chlorotoluene	13.109	91	564558	51.943	ug/l	97
80) 1,3,5-Trimethylbenzene	13.063	105	685201	51.509	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	76398	48.142	ug/l	95
82) 4-Chlorotoluene	13.012	91	528133	50.610	ug/l	99
83) tert-Butylbenzene	13.329	119	587399	51.592	ug/l	94
84) 1,2,4-Trimethylbenzene	13.372	105	692545	52.344	ug/l	98
85) sec-Butylbenzene	13.506	105	821936	52.007	ug/l	99
86) p-Isopropyltoluene	13.621	119	737320	52.705	ug/l	96
87) 1,3-Dichlorobenzene	13.621	146	367215	55.057	ug/l	98
88) 1,4-Dichlorobenzene	13.699	146	360283	53.441	ug/l	97
89) n-Butylbenzene	13.946	91	645182	51.244	ug/l	98
90) Hexachloroethane	14.214	117	119733	49.759	ug/l	87
91) 1,2-Dichlorobenzene	13.994	146	351582	53.506	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.608	75	41048	45.348	ug/l	84
93) 1,2,4-Trichlorobenzene	15.268	180	163561	54.161	ug/l	97
94) Hexachlorobutadiene	15.373	225	92943	54.289	ug/l	98
95) Naphthalene	15.512	128	393778	44.410	ug/l	99
96) 1,2,3-Trichlorobenzene	15.708	180	145896	54.424	ug/l	97

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

