

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092121\
 Data File : VN068598.D
 Acq On : 21 Sep 2021 21:54
 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
 9/23/2021 11:35:02 AM

Quant Time: Sep 22 03:44:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	653774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	963774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	908393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	458342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	333087	55.542	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.080%			
35) Dibromofluoromethane	8.024	113	293314	50.460	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.920%			
50) Toluene-d8	10.443	98	1073881	45.398	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 90.800%			
62) 4-Bromofluorobenzene	12.733	95	383428	48.892	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	236718	44.346	ug/l	99
3) Chloromethane	2.301	50	238886	51.501	ug/l	98
4) Vinyl Chloride	2.443	62	365339	45.131	ug/l	99
5) Bromomethane	2.834	94	313448	45.887	ug/l	98
6) Chloroethane	3.009	64	288685	48.438	ug/l	99
7) Trichlorofluoromethane	3.371	101	488129	48.079	ug/l	98
8) Diethyl Ether	3.827	74	162001	52.904	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.215	101	271688	48.425	ug/l	97
10) Methyl Iodide	4.425	142	369674	46.197	ug/l	99
11) Tert butyl alcohol	5.369	59	231849	280.745	ug/l #	86
12) 1,1-Dichloroethene	4.186	96	244730	47.646	ug/l	98
13) Acrolein	4.041	56	115148	258.573	ug/l	99
14) Allyl chloride	4.843	41	345527	52.959	ug/l	96
15) Acrylonitrile	5.554	53	635697	277.990	ug/l	98
16) Acetone	4.285	43	511955	310.573	ug/l	97
17) Carbon Disulfide	4.535	76	533591	38.688	ug/l	99
18) Methyl Acetate	4.854	43	329055	63.561	ug/l	95
19) Methyl tert-butyl Ether	5.615	73	919395	53.419	ug/l	100
20) Methylene Chloride	5.098	84	295908	52.967	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	264879	45.170	ug/l	97
22) Diisopropyl ether	6.498	45	835842	59.166	ug/l	95
23) Vinyl Acetate	6.433	43	3161556	299.440	ug/l	96
24) 1,1-Dichloroethane	6.391	63	484383	50.603	ug/l	100
25) 2-Butanone	7.335	43	827941	284.106	ug/l	95
26) 2,2-Dichloropropane	7.329	77	395527	44.755	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	337133	48.949	ug/l	96
28) Bromochloromethane	7.659	49	196671	52.798	ug/l	85
29) Tetrahydrofuran	7.683	42	549876	289.035	ug/l	95
30) Chloroform	7.820	83	585211	51.676	ug/l	99
31) Cyclohexane	8.099	56	403484	44.397	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	546124	51.982	ug/l	97
36) 1,1-Dichloropropene	8.222	75	383300	47.703	ug/l	98
37) Ethyl Acetate	7.412	43	352422	57.660	ug/l	97
38) Carbon Tetrachloride	8.212	117	486092	50.498	ug/l	99
39) Methylcyclohexane	9.461	83	457387	44.993	ug/l	95
40) Benzene	8.461	78	1193637	50.186	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	171776	57.111	ug/l	94
42) 1,2-Dichloroethane	8.533	62	442127	53.651	ug/l	97
43) Isopropyl Acetate	8.560	43	661764	61.368	ug/l	93
44) Trichloroethene	9.217	130	337207	44.779	ug/l	93
45) 1,2-Dichloropropane	9.491	63	293428	51.677	ug/l	99
46) Dibromomethane	9.579	93	232302	50.824	ug/l	96
47) Bromodichloromethane	9.764	83	469692	54.156	ug/l	99
48) Methyl methacrylate	9.561	41	266303	59.138	ug/l #	91
49) 1,4-Dioxane	9.569	88	101300	980.649	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	1920095	311.918	ug/l	96
52) Toluene	10.507	92	826275	52.360	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	469249	56.474	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	483409	53.092	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	336182	53.682	ug/l	97
56) Ethyl methacrylate	10.762	69	476222	61.226	ug/l	88
57) 1,3-Dichloropropane	11.046	76	518851	53.760	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	250715	309.578	ug/l	94
59) 2-Hexanone	11.087	43	1357222	329.218	ug/l	94
60) Dibromochloromethane	11.240	129	409758	47.835	ug/l	100
61) 1,2-Dibromoethane	11.347	107	357310	53.814	ug/l	100
64) Tetrachloroethene	10.979	164	319808	39.722	ug/l	97
65) Chlorobenzene	11.773	112	916243	49.094	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	383576	52.279	ug/l	99
67) Ethyl Benzene	11.846	91	1627912	53.299	ug/l	98
68) m/p-Xylenes	11.956	106	1295826	105.365	ug/l	94
69) o-Xylene	12.283	106	640541	53.454	ug/l	93
70) Styrene	12.296	104	1052611	49.806	ug/l	98
71) Bromoform	12.460	173	319508	46.356	ug/l #	98
73) Isopropylbenzene	12.581	105	1686696	51.733	ug/l	98
74) N-amyl acetate	12.390	43	497000	68.345	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	486104	53.183	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	384332m	61.223	ug/l	
77) Bromobenzene	12.862	156	437301	48.490	ug/l	88
78) n-propylbenzene	12.924	91	1849049	53.709	ug/l	96
79) 2-Chlorotoluene	13.010	91	1117111	52.634	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	1430408	54.005	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.629	75	127363	61.583	ug/l	91
82) 4-Chlorotoluene	13.106	91	1084318	52.978	ug/l	95
83) tert-Butylbenzene	13.326	119	1285269	53.147	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	1386662	54.588	ug/l	96
85) sec-Butylbenzene	13.503	105	1727203	54.167	ug/l	96
86) p-Isopropyltoluene	13.618	119	1454302	54.034	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	766550	48.990	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	740857	48.038	ug/l	98
89) n-Butylbenzene	13.943	91	1068181	54.482	ug/l	97
90) Hexachloroethane	14.211	117	272463	57.672	ug/l	90
91) 1,2-Dichlorobenzene	13.991	146	745566	49.396	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	83041	57.238	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	331629	39.381	ug/l	99
94) Hexachlorobutadiene	15.370	225	232427	52.178	ug/l	99
95) Naphthalene	15.509	128	687324	38.728	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	309779	39.033	ug/l	98

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

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