

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069263.D
 Acq On : 28 Oct 2021 21:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 29 07:54:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	239790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	425995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	402218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	180806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	173915	50.243	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.480%			
35) Dibromofluoromethane	8.024	113	128981	48.571	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.140%			
50) Toluene-d8	10.443	98	518016	48.789	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.580%			
62) 4-Bromofluorobenzene	12.733	95	194886	48.642	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	143429	51.031	ug/l	99
3) Chloromethane	2.301	50	151152	52.741	ug/l	100
4) Vinyl Chloride	2.443	62	178989	51.481	ug/l	99
5) Bromomethane	2.837	94	114195	56.642	ug/l	99
6) Chloroethane	3.009	64	113564	54.350	ug/l	99
7) Trichlorofluoromethane	3.368	101	271977	63.952	ug/l	100
8) Diethyl Ether	3.819	74	98795	65.305	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.199	101	120604	53.462	ug/l	98
10) Methyl Iodide	4.414	142	163866	49.689	ug/l	97
11) Tert butyl alcohol	5.393	59	168092	249.820	ug/l	100
12) 1,1-Dichloroethene	4.170	96	116015	53.790	ug/l	100
13) Acrolein	4.039	56	39197	257.144	ug/l	100
14) Allyl chloride	4.835	41	198381	51.993	ug/l	96
15) Acrylonitrile	5.557	53	404597	277.102	ug/l	99
16) Acetone	4.291	43	349260	236.819	ug/l	100
17) Carbon Disulfide	4.521	76	291888	50.824	ug/l	100
18) Methyl Acetate	4.857	43	270734	54.020	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	461834	54.423	ug/l	99
20) Methylene Chloride	5.093	84	140940	49.823	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	125168	51.395	ug/l	99
22) Diisopropyl ether	6.498	45	442231	49.778	ug/l	99
23) Vinyl Acetate	6.436	43	1730618	245.391	ug/l	99
24) 1,1-Dichloroethane	6.388	63	245849	53.913	ug/l	98
25) 2-Butanone	7.340	43	566161	250.483	ug/l	97
26) 2,2-Dichloropropane	7.327	77	186323	41.751	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	154343	53.637	ug/l	97
28) Bromochloromethane	7.659	49	116670	51.065	ug/l	95
29) Tetrahydrofuran	7.689	42	371708	255.794	ug/l	95
30) Chloroform	7.820	83	271163	54.701	ug/l	100
31) Cyclohexane	8.094	56	233404	50.382	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	240825	49.637	ug/l	99
36) 1,1-Dichloropropene	8.222	75	192138	52.317	ug/l	99
37) Ethyl Acetate	7.418	43	224345	53.606	ug/l	99
38) Carbon Tetrachloride	8.206	117	201293	48.091	ug/l	98
39) Methylcyclohexane	9.459	83	236789	52.072	ug/l	98
40) Benzene	8.461	78	587221	53.159	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	109229	52.941	ug/l	93
42) 1,2-Dichloroethane	8.531	62	220941	53.149	ug/l	99
43) Isopropyl Acetate	8.563	43	366074	50.154	ug/l	99
44) Trichloroethene	9.217	130	145466	52.295	ug/l	99
45) 1,2-Dichloropropane	9.491	63	147617	52.490	ug/l	99
46) Dibromomethane	9.579	93	107840	53.971	ug/l	100
47) Bromodichloromethane	9.762	83	208734	48.812	ug/l	99
48) Methyl methacrylate	9.561	41	164671	52.134	ug/l	92
49) 1,4-Dioxane	9.571	88	74399	973.418	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	1180720	248.566	ug/l	99
52) Toluene	10.507	92	387737	53.521	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	223370	46.173	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	236065	46.947	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	154620	53.200	ug/l	99
56) Ethyl methacrylate	10.762	69	257953	48.364	ug/l	97
57) 1,3-Dichloropropane	11.047	76	260726	53.776	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	325547	221.040	ug/l	99
59) 2-Hexanone	11.087	43	891968	245.680	ug/l	100
60) Dibromochloromethane	11.240	129	158218	47.902	ug/l	98
61) 1,2-Dibromoethane	11.347	107	163969	49.414	ug/l	99
64) Tetrachloroethene	10.979	164	131607	51.226	ug/l	96
65) Chlorobenzene	11.771	112	406751	51.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	150477	49.205	ug/l	99
67) Ethyl Benzene	11.846	91	765610	53.094	ug/l	99
68) m/p-Xylenes	11.956	106	571599	106.415	ug/l	98
69) o-Xylene	12.283	106	287212	53.128	ug/l	99
70) Styrene	12.296	104	477304	48.621	ug/l	99
71) Bromoform	12.460	173	114179	46.035	ug/l #	99
73) Isopropylbenzene	12.581	105	762990	50.203	ug/l	99
74) N-amyl acetate	12.390	43	305959	51.103	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	244811	50.461	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	225501m	47.420	ug/l	
77) Bromobenzene	12.862	156	170332	47.775	ug/l	99
78) n-propylbenzene	12.924	91	854580	49.675	ug/l	100
79) 2-Chlorotoluene	13.010	91	524095	48.372	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	631396	50.043	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	69351	43.533	ug/l	90
82) 4-Chlorotoluene	13.106	91	515162	48.209	ug/l	99
83) tert-Butylbenzene	13.326	119	546550	49.650	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	623378	50.515	ug/l	99
85) sec-Butylbenzene	13.503	105	767110	50.296	ug/l	99
86) p-Isopropyltoluene	13.619	119	616160	50.656	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	304969	48.891	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	299061	49.377	ug/l	100
89) n-Butylbenzene	13.943	91	499465	48.488	ug/l	99
90) Hexachloroethane	14.211	117	109478	45.631	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	300922	49.518	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	49291	49.034	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	139056	47.487	ug/l	99
94) Hexachlorobutadiene	15.373	225	72426	48.431	ug/l	99
95) Naphthalene	15.507	128	448583	49.671	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	140400	48.998	ug/l	99

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

