

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102921\
 Data File : VN069290.D
 Acq On : 29 Oct 2021 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 30 05:37:46 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 11/01/2021
 Supervised By :Semsettin Yesilyurt 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	271245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	450617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	421481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	192730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	190814	48.733	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.460%		
35) Dibromofluoromethane	8.021	113	144645	51.494	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.980%		
50) Toluene-d8	10.443	98	585267	52.111	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.220%		
62) 4-Bromofluorobenzene	12.731	95	223249	52.676	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	144250	45.457	ug/l	99
3) Chloromethane	2.303	50	142712	43.935	ug/l	100
4) Vinyl Chloride	2.445	62	170046	43.354	ug/l	100
5) Bromomethane	2.845	94	117056	51.328	ug/l	100
6) Chloroethane	3.014	64	110282	46.659	ug/l	100
7) Trichlorofluoromethane	3.371	101	272456	56.635	ug/l	99
8) Diethyl Ether	3.818	74	80515	47.050	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.202	101	127255	49.869	ug/l	99
10) Methyl Iodide	4.414	142	158124	42.749	ug/l	97
11) Tert butyl alcohol	5.379	59	142116	190.107	ug/l	99
12) 1,1-Dichloroethene	4.175	96	114939	47.111	ug/l	99
13) Acrolein	4.038	56	35221	204.266	ug/l	99
14) Allyl chloride	4.838	41	194211	44.998	ug/l	94
15) Acrylonitrile	5.554	53	361932	219.136	ug/l	98
16) Acetone	4.285	43	432638	259.336	ug/l	99
17) Carbon Disulfide	4.524	76	279183	42.974	ug/l	99
18) Methyl Acetate	4.854	43	246184	43.425	ug/l	98
19) Methyl tert-butyl Ether	5.615	73	442184	46.065	ug/l	98
20) Methylene Chloride	5.090	84	136857	42.770	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	125258	45.468	ug/l	98
22) Diisopropyl ether	6.498	45	430649	42.972	ug/l	99
23) Vinyl Acetate	6.433	43	1678392	211.327	ug/l	99
24) 1,1-Dichloroethane	6.385	63	242771	47.064	ug/l	98
25) 2-Butanone	7.335	43	556229	217.766	ug/l	98
26) 2,2-Dichloropropane	7.324	77	222366	44.003	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	153439	47.139	ug/l	99
28) Bromochloromethane	7.656	49	129338	50.044	ug/l	97
29) Tetrahydrofuran	7.686	42	323893	197.717	ug/l	96
30) Chloroform	7.817	83	266045	47.444	ug/l	98
31) Cyclohexane	8.094	56	234790	44.804	ug/l	95
32) 1,1,1-Trichloroethane	8.013	97	237337	43.358	ug/l	98
36) 1,1-Dichloropropene	8.220	75	196514	50.585	ug/l	99
37) Ethyl Acetate	7.415	43	203357	45.936	ug/l	99
38) Carbon Tetrachloride	8.204	117	199830	45.196	ug/l	99
39) Methylcyclohexane	9.459	83	253805	52.765	ug/l	96
40) Benzene	8.458	78	579291	49.576	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	99143	45.427	ug/l	94
42) 1,2-Dichloroethane	8.531	62	214421	48.762	ug/l	100
43) Isopropyl Acetate	8.560	43	340336	44.136	ug/l	99
44) Trichloroethene	9.217	130	145489	49.446	ug/l	97
45) 1,2-Dichloropropane	9.491	63	147801	49.683	ug/l	98
46) Dibromomethane	9.577	93	105987	50.146	ug/l	99
47) Bromodichloromethane	9.762	83	203729	45.124	ug/l	99
48) Methyl methacrylate	9.561	41	151401	45.314	ug/l	92
49) 1,4-Dioxane	9.569	88	67904	844.675	ug/l	94
51) 4-Methyl-2-Pentanone	10.330	43	1053119	210.593	ug/l	99
52) Toluene	10.505	92	382581	49.924	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	226276	44.300	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	238002	44.817	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	150283	48.882	ug/l	98
56) Ethyl methacrylate	10.762	69	246009	43.770	ug/l	97
57) 1,3-Dichloropropane	11.044	76	253200	49.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	370465	236.139	ug/l	98
59) 2-Hexanone	11.087	43	836195	218.643	ug/l	100
60) Dibromochloromethane	11.239	129	151461	43.538	ug/l	99
61) 1,2-Dibromoethane	11.347	107	158149	45.129	ug/l	99
64) Tetrachloroethene	10.977	164	129101	47.954	ug/l	97
65) Chlorobenzene	11.771	112	405429	48.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	148741	46.435	ug/l	100
67) Ethyl Benzene	11.846	91	761851	50.418	ug/l	99
68) m/p-Xylenes	11.956	106	577992	102.687	ug/l	99
69) o-Xylene	12.280	106	284460	50.214	ug/l	99
70) Styrene	12.294	104	472917	46.052	ug/l	99
71) Bromoform	12.460	173	107759	41.747	ug/l #	100
73) Isopropylbenzene	12.580	105	770929	47.587	ug/l	99
74) N-amyl acetate	12.387	43	291115	45.616	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	232813	45.019	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	218779m	43.160	ug/l	
77) Bromobenzene	12.862	156	172283	45.332	ug/l	98
78) n-propylbenzene	12.921	91	887854	48.417	ug/l	100
79) 2-Chlorotoluene	13.010	91	535191	46.340	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	645522	47.997	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	69057	40.945	ug/l	92
82) 4-Chlorotoluene	13.106	91	531775	46.685	ug/l	100
83) tert-Butylbenzene	13.323	119	552052	47.047	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	627523	47.705	ug/l	99
85) sec-Butylbenzene	13.503	105	797304	49.042	ug/l	99
86) p-Isopropyltoluene	13.616	119	650957	50.206	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	317169	47.701	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	309281	47.907	ug/l	99
89) n-Butylbenzene	13.943	91	548385	49.943	ug/l	100
90) Hexachloroethane	14.211	117	108115	42.424	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	300477	46.385	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	44292	41.595	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	148135	47.459	ug/l	98
94) Hexachlorobutadiene	15.372	225	79710	50.004	ug/l	99
95) Naphthalene	15.507	128	411451	43.202	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	141684	46.504	ug/l	98

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

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