

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030288.D
 Acq On : 28 Jul 2022 22:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 06:01:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	144680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154869	53.257	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.520%			
35) Dibromofluoromethane	5.397	113	125233	50.630	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.260%			
50) Toluene-d8	8.653	98	480326	50.144	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.280%			
62) 4-Bromofluorobenzene	11.085	95	189525	53.312	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	121171	51.040	ug/l	98
3) Chloromethane	1.288	50	112884	48.084	ug/l	99
4) Vinyl Chloride	1.374	62	116917	49.343	ug/l	100
5) Bromomethane	1.593	94	42871	51.792	ug/l	94
6) Chloroethane	1.672	64	71874	52.828	ug/l	96
7) Trichlorofluoromethane	1.880	101	158540	50.785	ug/l	95
8) Diethyl Ether	2.136	74	63149	51.657	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	114987	49.729	ug/l	98
10) Methyl Iodide	2.447	142	88028	39.397	ug/l	95
11) Tert butyl alcohol	2.977	59	203998	287.589	ug/l	99
12) 1,1-Dichloroethene	2.312	96	114764	50.777	ug/l	94
13) Acrolein	2.239	56	46052	264.141	ug/l	100
14) Allyl chloride	2.660	41	238533	51.145	ug/l	97
15) Acrylonitrile	3.068	53	482287	275.132	ug/l	100
16) Acetone	2.386	43	404741	271.856	ug/l	97
17) Carbon Disulfide	2.508	76	269824	44.227	ug/l	99
18) Methyl Acetate	2.709	43	237166	53.857	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	431661	55.757	ug/l	97
20) Methylene Chloride	2.788	84	139860	55.064	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	125670	50.376	ug/l	94
22) Diisopropyl ether	3.770	45	494379	56.025	ug/l	89
23) Vinyl Acetate	3.727	43	2148697	280.706	ug/l	98
24) 1,1-Dichloroethane	3.611	63	247065	52.690	ug/l	99
25) 2-Butanone	4.568	43	694597	277.634	ug/l	95
26) 2,2-Dichloropropane	4.477	77	136315	40.203	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	153052	52.173	ug/l	96
28) Bromochloromethane	4.910	49	104532	52.769	ug/l	92
29) Tetrahydrofuran	5.013	42	460759	273.718	ug/l	95
30) Chloroform	5.099	83	248526	53.531	ug/l	98
31) Cyclohexane	5.470	56	219304	51.941	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	203209	53.847	ug/l	99
36) 1,1-Dichloropropene	5.696	75	175871	49.407	ug/l	97
37) Ethyl Acetate	4.721	43	253598	50.308	ug/l	98
38) Carbon Tetrachloride	5.684	117	162015	48.754	ug/l	93
39) Methylcyclohexane	7.385	83	216096	47.031	ug/l	95
40) Benzene	6.043	78	562691	50.242	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	143663	53.167	ug/l	96
42) 1,2-Dichloroethane	6.092	62	197115	50.934	ug/l	96
43) Isopropyl Acetate	6.348	43	395629	53.538	ug/l	97
44) Trichloroethene	7.129	130	144255	47.138	ug/l	93
45) 1,2-Dichloropropane	7.434	63	152837	51.165	ug/l	98
46) Dibromomethane	7.586	93	98520	48.499	ug/l	96
47) Bromodichloromethane	7.824	83	187489	50.771	ug/l	96
48) Methyl methacrylate	7.696	41	192666	52.970	ug/l	96
49) 1,4-Dioxane	7.665	88	85874	1022.220	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	1357197	270.533	ug/l	97
52) Toluene	8.720	92	346706	50.740	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	198733	49.924	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	215849	49.758	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	148276	50.966	ug/l	98
56) Ethyl methacrylate	9.122	69	251375	54.657	ug/l	95
57) 1,3-Dichloropropane	9.311	76	246927	51.418	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	635335	278.347	ug/l	96
59) 2-Hexanone	9.433	43	1087973	274.885	ug/l	96
60) Dibromochloromethane	9.525	129	139559	51.820	ug/l	97
61) 1,2-Dibromoethane	9.610	107	153854	50.646	ug/l	98
64) Tetrachloroethene	9.275	164	140769	49.088	ug/l	99
65) Chlorobenzene	10.079	112	366286	50.622	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	129700	52.729	ug/l	99
67) Ethyl Benzene	10.195	91	680890	49.495	ug/l	96
68) m/p-Xylenes	10.305	106	514589	104.982	ug/l	95
69) o-Xylene	10.646	106	253654	52.505	ug/l	92
70) Styrene	10.659	104	432358	54.473	ug/l	97
71) Bromoform	10.805	173	99683	55.125	ug/l #	100
73) Isopropylbenzene	10.963	105	668523	50.478	ug/l	98
74) N-amyl acetate	10.848	43	358835	55.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	240981	49.713	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	232885m	52.078	ug/l	
77) Bromobenzene	11.201	156	153617	49.419	ug/l	92
78) n-propylbenzene	11.305	91	809140	51.189	ug/l	99
79) 2-Chlorotoluene	11.366	91	488694	48.958	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	564698	50.921	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	72111	48.376	ug/l	96
82) 4-Chlorotoluene	11.457	91	552846	50.691	ug/l	97
83) tert-Butylbenzene	11.719	119	524607	51.038	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	566252	51.181	ug/l	97
85) sec-Butylbenzene	11.890	105	737737	52.439	ug/l	98
86) p-Isopropyltoluene	12.012	119	596175	52.967	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	302125	49.976	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	298252	48.464	ug/l	99
89) n-Butylbenzene	12.335	91	572823	54.664	ug/l	99
90) Hexachloroethane	12.542	117	100562	51.891	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	300964	50.721	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	63939	54.995	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	174079	50.588	ug/l	98
94) Hexachlorobutadiene	13.725	225	67350	48.744	ug/l	99
95) Naphthalene	13.780	128	766971	57.061	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	181857	51.531	ug/l	98

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

