

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030720.D
 Acq On : 23 Aug 2022 09:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 24 00:44:12 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	5.550	168	138440	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	233965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131943	47.418	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.840%			
35) Dibromofluoromethane	5.391	113	120642	53.940	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.880%			
50) Toluene-d8	8.653	98	429121	49.543	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.080%			
62) 4-Bromofluorobenzene	11.079	95	164454	51.160	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	120706	53.136	ug/l	97
3) Chloromethane	1.288	50	107941	48.051	ug/l	100
4) Vinyl Chloride	1.374	62	119704	52.796	ug/l	99
5) Bromomethane	1.612	94	44733	57.066	ug/l	96
6) Chloroethane	1.685	64	61507	47.246	ug/l	97
7) Trichlorofluoromethane	1.886	101	168058	56.260	ug/l	97
8) Diethyl Ether	2.136	74	71374	61.017	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	115524	52.214	ug/l	99
10) Methyl Iodide	2.453	142	92229	42.993	ug/l	94
11) Tert butyl alcohol	2.995	59	146509	215.853	ug/l	99
12) 1,1-Dichloroethene	2.319	96	107872	49.879	ug/l	97
13) Acrolein	2.246	56	7106	42.595	ug/l	94
14) Allyl chloride	2.666	41	193763	43.418	ug/l	95
15) Acrylonitrile	3.069	53	385452	229.802	ug/l	100
16) Acetone	2.392	43	324269	227.622	ug/l	99
17) Carbon Disulfide	2.508	76	259740	44.493	ug/l	98
18) Methyl Acetate	2.709	43	190737	45.266	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	391616	52.864	ug/l	98
20) Methylene Chloride	2.788	84	132174	54.350	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	117274	49.129	ug/l	98
22) Diisopropyl ether	3.764	45	394734	46.749	ug/l	88
23) Vinyl Acetate	3.727	43	1629068	222.415	ug/l	98
24) 1,1-Dichloroethane	3.611	63	225391	50.234	ug/l	99
25) 2-Butanone	4.568	43	518239	216.480	ug/l	99
26) 2,2-Dichloropropane	4.477	77	176414	54.375	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	145339	51.777	ug/l	99
28) Bromochloromethane	4.898	49	92508	48.804	ug/l	95
29) Tetrahydrofuran	5.007	42	322030	199.928	ug/l	95
30) Chloroform	5.093	83	238093	53.595	ug/l	98
31) Cyclohexane	5.471	56	181721	44.980	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	194483	53.858	ug/l	98
36) 1,1-Dichloropropene	5.690	75	160498	49.864	ug/l	99
37) Ethyl Acetate	4.715	43	187825	41.207	ug/l	98
38) Carbon Tetrachloride	5.678	117	167639	55.790	ug/l	95
39) Methylcyclohexane	7.379	83	197526	47.544	ug/l	99
40) Benzene	6.038	78	509756	50.336	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	105545	43.198	ug/l	96
42) 1,2-Dichloroethane	6.086	62	168969	48.286	ug/l	99
43) Isopropyl Acetate	6.342	43	299597	44.837	ug/l	98
44) Trichloroethene	7.123	130	138342	49.995	ug/l	97
45) 1,2-Dichloropropane	7.434	63	138203	51.167	ug/l	99
46) Dibromomethane	7.580	93	96178	52.361	ug/l	96
47) Bromodichloromethane	7.824	83	191516	57.355	ug/l	98
48) Methyl methacrylate	7.696	41	143888	43.750	ug/l	93
49) 1,4-Dioxane	7.690	88	70796	932.003	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	970812	214.013	ug/l	95
52) Toluene	8.720	92	319977	51.788	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	201398	55.953	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	220316	56.168	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	143335	54.486	ug/l	97
56) Ethyl methacrylate	9.116	69	215811	51.895	ug/l	92
57) 1,3-Dichloropropane	9.311	76	230377	53.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	555223	269.015	ug/l	99
59) 2-Hexanone	9.433	43	749816	209.514	ug/l	95
60) Dibromochloromethane	9.525	129	152904	62.789	ug/l	100
61) 1,2-Dibromoethane	9.610	107	147533	53.709	ug/l	100
64) Tetrachloroethene	9.275	164	129177	48.925	ug/l	98
65) Chlorobenzene	10.080	112	347291	52.129	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	133283	58.852	ug/l	99
67) Ethyl Benzene	10.195	91	624598	49.367	ug/l	98
68) m/p-Xylenes	10.305	106	476764	105.640	ug/l	98
69) o-Xylene	10.647	106	235750	53.000	ug/l	96
70) Styrene	10.659	104	409153	55.988	ug/l	98
71) Bromoform	10.799	173	108394	65.103	ug/l #	99
73) Isopropylbenzene	10.964	105	616292	51.804	ug/l	100
74) N-amyl acetate	10.842	43	248483	42.976	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	215250	49.433	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	204836m	50.993	ug/l	
77) Bromobenzene	11.201	156	144253	51.661	ug/l	98
78) n-propylbenzene	11.305	91	736841	51.894	ug/l	100
79) 2-Chlorotoluene	11.366	91	437887	48.835	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	525169	52.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70018	52.291	ug/l	94
82) 4-Chlorotoluene	11.457	91	505339	51.582	ug/l	99
83) tert-Butylbenzene	11.719	119	505811	54.782	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	525507	52.877	ug/l	99
85) sec-Butylbenzene	11.890	105	673078	53.261	ug/l	99
86) p-Isopropyltoluene	12.012	119	547063	54.108	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	283775	52.256	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	284703	51.502	ug/l	99
89) n-Butylbenzene	12.335	91	509644	54.142	ug/l	100
90) Hexachloroethane	12.543	117	107026	61.481	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	282109	52.927	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49670	47.560	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	174781	56.544	ug/l	99
94) Hexachlorobutadiene	13.725	225	67182	54.129	ug/l	99
95) Naphthalene	13.774	128	663224	54.930	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	177810	56.090	ug/l	98

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

