

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036708.D
 Acq On : 31 Jul 2023 10:16
 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 : John Carlone 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 04:32:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	296113	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	118736	45.721	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.440%		
35) Dibromofluoromethane	5.379	113	98634	48.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.920%		
50) Toluene-d8	8.647	98	343891	47.646	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.300%		
62) 4-Bromofluorobenzene	11.079	95	132420	48.628	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97395	42.006	ug/l	97
3) Chloromethane	1.300	50	89144	42.272	ug/l	98
4) Vinyl Chloride	1.374	62	97092	45.221	ug/l	99
5) Bromomethane	1.599	94	62551	48.798	ug/l	97
6) Chloroethane	1.678	64	50334	48.219	ug/l	97
7) Trichlorofluoromethane	1.886	101	161851	48.814	ug/l	99
8) Diethyl Ether	2.130	74	58792	45.832	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	94689	47.534	ug/l	98
10) Methyl Iodide	2.447	142	93244	45.066	ug/l	91
11) Tert butyl alcohol	2.959	59	139864	227.490	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	89260	45.418	ug/l	88
13) Acrolein	2.233	56	99233	282.817	ug/l	99
14) Allyl chloride	2.660	41	166437	43.007	ug/l #	94
15) Acrylonitrile	3.062	53	277618	224.534	ug/l	99
16) Acetone	2.380	43	264597	245.534	ug/l #	89
17) Carbon Disulfide	2.508	76	223987	41.295	ug/l	98
18) Methyl Acetate	2.703	43	200804	44.294	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	347480	47.050	ug/l	100
20) Methylene Chloride	2.788	84	103424	43.154	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	98570	44.876	ug/l	93
22) Diisopropyl ether	3.757	45	327574	44.580	ug/l	87
23) Vinyl Acetate	3.721	43	1264561	224.355	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	188917	45.857	ug/l	97
25) 2-Butanone	4.550	43	395102	225.978	ug/l	92
26) 2,2-Dichloropropane	4.471	77	178281	45.926	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	119861	45.944	ug/l	94
28) Bromochloromethane	4.897	49	95266	47.814	ug/l	90
29) Tetrahydrofuran	4.995	42	243026	215.596	ug/l	92
30) Chloroform	5.092	83	198403	47.073	ug/l	97
31) Cyclohexane	5.464	56	155845	43.342	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	179045	46.361	ug/l	98
36) 1,1-Dichloropropene	5.690	75	142215	46.879	ug/l	98
37) Ethyl Acetate	4.708	43	152155	44.314	ug/l	97
38) Carbon Tetrachloride	5.672	117	158504	49.146	ug/l	99
39) Methylcyclohexane	7.379	83	172889	45.833	ug/l	94
40) Benzene	6.031	78	413117	46.806	ug/l	99

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41) Methacrylonitrile	4.916	41	82071	44.690	ug/l	92
42) 1,2-Dichloroethane	6.086	62	157947	48.945	ug/l	96
43) Isopropyl Acetate	6.336	43	265038	44.842	ug/l	96
44) Trichloroethene	7.123	130	111227	48.212	ug/l	97
45) 1,2-Dichloropropane	7.427	63	109872	46.625	ug/l	97
46) Dibromomethane	7.580	93	78253	47.448	ug/l	95
47) Bromodichloromethane	7.818	83	164631	48.631	ug/l	98
48) Methyl methacrylate	7.690	41	124515	45.299	ug/l	91
49) 1,4-Dioxane	7.653	88	51363	924.983	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	741073	226.570	ug/l	95
52) Toluene	8.714	92	265858	48.072	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	185778	48.554	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	191876	47.523	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	111522	47.972	ug/l	97
56) Ethyl methacrylate	9.116	69	179874	47.516	ug/l	94
57) 1,3-Dichloropropane	9.305	76	189009	48.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	437442	234.524	ug/l	98
59) 2-Hexanone	9.427	43	556002	229.044	ug/l	94
60) Dibromochloromethane	9.518	129	128522	50.299	ug/l	100
61) 1,2-Dibromoethane	9.610	107	117872	48.923	ug/l	100
64) Tetrachloroethene	9.269	164	93702	47.580	ug/l	97
65) Chlorobenzene	10.079	112	284384	48.864	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	112971	50.221	ug/l	98
67) Ethyl Benzene	10.195	91	515862	48.520	ug/l	99
68) m/p-Xylenes	10.299	106	391067	98.582	ug/l	98
69) o-Xylene	10.640	106	192081	48.509	ug/l	99
70) Styrene	10.652	104	319818	48.955	ug/l	98
71) Bromoform	10.799	173	91303	50.140	ug/l #	100
73) Isopropylbenzene	10.963	105	508398	47.248	ug/l	98
74) N-amyl acetate	10.841	43	221414	44.126	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	165681	45.588	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	139791m	45.710	ug/l	
77) Bromobenzene	11.195	156	117011	47.750	ug/l	96
78) n-propylbenzene	11.305	91	589858	47.400	ug/l	99
79) 2-Chlorotoluene	11.366	91	350786	46.519	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	426990	47.434	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	58783	43.567	ug/l	85
82) 4-Chlorotoluene	11.451	91	403618	46.976	ug/l	99
83) tert-Butylbenzene	11.713	119	421408	47.653	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	422881	46.974	ug/l	97
85) sec-Butylbenzene	11.890	105	531392	48.184	ug/l	98
86) p-Isopropyltoluene	12.006	119	445311	49.072	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	220857	48.662	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	220858	49.035	ug/l	99
89) n-Butylbenzene	12.329	91	400470	49.298	ug/l	99
90) Hexachloroethane	12.536	117	86741	47.150	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	213332	48.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38014	45.012	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	137166	50.834	ug/l	96
94) Hexachlorobutadiene	13.725	225	54717	49.016	ug/l	98
95) Naphthalene	13.774	128	458532	48.764	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	132543	49.838	ug/l	98

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

