

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036255.D
 Acq On : 20 Jun 2023 19:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 21 02:55:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	147380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129321	48.016	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.040%		
35) Dibromofluoromethane	5.385	113	90100	50.125	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.240%		
50) Toluene-d8	8.647	98	332474	50.565	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.140%		
62) 4-Bromofluorobenzene	11.079	95	129425	48.764	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	79243	43.804	ug/l	100
3) Chloromethane	1.294	50	86589	45.240	ug/l	96
4) Vinyl Chloride	1.374	62	86277	47.317	ug/l	99
5) Bromomethane	1.617	94	57029	50.881	ug/l	99
6) Chloroethane	1.691	64	70402	59.673	ug/l	98
7) Trichlorofluoromethane	1.886	101	144574	48.995	ug/l	99
8) Diethyl Ether	2.130	74	56273	51.236	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	89774	53.349	ug/l	98
10) Methyl Iodide	2.453	142	101469	58.480	ug/l	95
11) Tert butyl alcohol	2.995	59	98603m	239.475	ug/l	
12) 1,1-Dichloroethene	2.319	96	86520	54.372	ug/l	95
13) Acrolein	2.239	56	125999	275.556	ug/l	100
14) Allyl chloride	2.666	41	172080	53.445	ug/l	98
15) Acrylonitrile	3.068	53	293400	278.553	ug/l	99
16) Acetone	2.392	43	269691	241.017	ug/l	99
17) Carbon Disulfide	2.514	76	204838	52.079	ug/l	100
18) Methyl Acetate	2.703	43	235397	55.468	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	330961	53.130	ug/l	100
20) Methylene Chloride	2.788	84	101502	50.067	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	93594	52.938	ug/l	98
22) Diisopropyl ether	3.757	45	352014	54.941	ug/l	96
23) Vinyl Acetate	3.721	43	1268376	279.318	ug/l	100
24) 1,1-Dichloroethane	3.611	63	190896	53.926	ug/l	99
25) 2-Butanone	4.562	43	427287	272.759	ug/l	100
26) 2,2-Dichloropropane	4.477	77	128083	46.528	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	110396	54.605	ug/l	99
28) Bromochloromethane	4.897	49	97235	52.692	ug/l	96
29) Tetrahydrofuran	5.007	42	275033	276.437	ug/l	99
30) Chloroform	5.092	83	190950	51.218	ug/l	97
31) Cyclohexane	5.470	56	160234	55.458	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	160442	50.760	ug/l	98
36) 1,1-Dichloropropene	5.690	75	140028	52.884	ug/l	99
37) Ethyl Acetate	4.715	43	164603	53.357	ug/l	99
38) Carbon Tetrachloride	5.678	117	128974	50.107	ug/l	98
39) Methylcyclohexane	7.385	83	161289	56.559	ug/l	97
40) Benzene	6.037	78	395799	53.156	ug/l	99

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41) Methacrylonitrile	4.922	41	92705	54.507	ug/l	99
42) 1,2-Dichloroethane	6.086	62	165330	49.287	ug/l	100
43) Isopropyl Acetate	6.342	43	265549	56.247	ug/l	99
44) Trichloroethene	7.123	130	97370	52.330	ug/l	96
45) 1,2-Dichloropropane	7.427	63	107070	54.087	ug/l	100
46) Dibromomethane	7.580	93	73956	52.443	ug/l	98
47) Bromodichloromethane	7.824	83	140645	51.949	ug/l	98
48) Methyl methacrylate	7.690	41	132124	54.547	ug/l	98
49) 1,4-Dioxane	7.708	88	49176	1212.593	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	839522	281.621	ug/l	99
52) Toluene	8.720	92	246841	52.949	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	150840	54.091	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	165008	55.178	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	102026	53.013	ug/l	94
56) Ethyl methacrylate	9.116	69	165921	57.072	ug/l	94
57) 1,3-Dichloropropane	9.311	76	180426	52.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	433769	270.701	ug/l	98
59) 2-Hexanone	9.433	43	628473	283.578	ug/l	99
60) Dibromochloromethane	9.519	129	98712	52.549	ug/l	99
61) 1,2-Dibromoethane	9.610	107	108073	53.857	ug/l	98
64) Tetrachloroethene	9.275	164	80532	53.795	ug/l	97
65) Chlorobenzene	10.079	112	262453	52.639	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	92337	53.666	ug/l	99
67) Ethyl Benzene	10.195	91	488641	54.876	ug/l	99
68) m/p-Xylenes	10.299	106	363963	108.338	ug/l	99
69) o-Xylene	10.640	106	179479	54.149	ug/l	98
70) Styrene	10.652	104	296664	53.716	ug/l	99
71) Bromoform	10.799	173	64817	54.719	ug/l #	99
73) Isopropylbenzene	10.963	105	472182	55.678	ug/l	99
74) N-amyl acetate	10.841	43	231563	60.424	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	161561	55.637	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	137230m	50.593	ug/l	
77) Bromobenzene	11.195	156	105526	53.110	ug/l	95
78) n-propylbenzene	11.305	91	567038	56.837	ug/l	99
79) 2-Chlorotoluene	11.366	91	336758	53.666	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	400159	55.413	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	44409	57.307	ug/l	97
82) 4-Chlorotoluene	11.451	91	393743	53.854	ug/l	99
83) tert-Butylbenzene	11.713	119	381412	55.558	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	401074	55.682	ug/l	97
85) sec-Butylbenzene	11.890	105	499056	58.381	ug/l	99
86) p-Isopropyltoluene	12.006	119	409007	56.870	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	202039	53.319	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	204891	52.789	ug/l	99
89) n-Butylbenzene	12.329	91	377064	58.748	ug/l	98
90) Hexachloroethane	12.536	117	65199	57.794	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	197432	53.088	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34415	53.732	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	117930	55.940	ug/l	97
94) Hexachlorobutadiene	13.725	225	44941	53.926	ug/l	98
95) Naphthalene	13.774	128	417149	57.366	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	116831	55.265	ug/l	100

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

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