

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036228.D
 Acq On : 20 Jun 2023 09:08
 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 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 21 01:55:39 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	174637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	299165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	259074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	129077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157029	49.204	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.400%		
35) Dibromofluoromethane	5.379	113	105928	52.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.420%		
50) Toluene-d8	8.647	98	379045	51.079	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.160%		
62) 4-Bromofluorobenzene	11.079	95	143111	47.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	91424	42.650	ug/l	97
3) Chloromethane	1.295	50	96448	42.526	ug/l	98
4) Vinyl Chloride	1.374	62	95415	44.162	ug/l	97
5) Bromomethane	1.618	94	58664	44.170	ug/l	97
6) Chloroethane	1.691	64	63558	45.464	ug/l	97
7) Trichlorofluoromethane	1.886	101	156334	44.711	ug/l	98
8) Diethyl Ether	2.130	74	54050	41.531	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	98953	49.625	ug/l	98
10) Methyl Iodide	2.453	142	106129	51.619	ug/l	99
11) Tert butyl alcohol	3.002	59	99280m	203.485	ug/l	
12) 1,1-Dichloroethene	2.319	96	89185	47.299	ug/l	97
13) Acrolein	2.239	56	89123	164.488	ug/l	99
14) Allyl chloride	2.666	41	179824	47.134	ug/l	95
15) Acrylonitrile	3.062	53	273449	219.092	ug/l	98
16) Acetone	2.392	43	321177	242.230	ug/l	98
17) Carbon Disulfide	2.514	76	222497	47.740	ug/l	100
18) Methyl Acetate	2.703	43	225291	44.801	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	344308	46.646	ug/l	100
20) Methylene Chloride	2.788	84	103868	43.237	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	97035	46.318	ug/l	98
22) Diisopropyl ether	3.757	45	356951	47.016	ug/l	89
23) Vinyl Acetate	3.715	43	1300664	241.723	ug/l	100
24) 1,1-Dichloroethane	3.605	63	197854	47.168	ug/l	98
25) 2-Butanone	4.556	43	426122	229.560	ug/l	99
26) 2,2-Dichloropropane	4.471	77	166394	51.011	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	114195	47.668	ug/l	98
28) Bromochloromethane	4.891	49	110971	50.749	ug/l	97
29) Tetrahydrofuran	5.001	42	255813	216.988	ug/l	99
30) Chloroform	5.087	83	208056	47.096	ug/l	100
31) Cyclohexane	5.464	56	168023	49.077	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	181941	48.577	ug/l	98
36) 1,1-Dichloropropene	5.690	75	148092	49.557	ug/l	99
37) Ethyl Acetate	4.709	43	155271	44.597	ug/l	100
38) Carbon Tetrachloride	5.672	117	152199	52.392	ug/l	99
39) Methylcyclohexane	7.379	83	174978	54.367	ug/l	96
40) Benzene	6.031	78	412624	49.101	ug/l	98

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41) Methacrylonitrile	4.910	41	89533	46.643	ug/l	98
42) 1,2-Dichloroethane	6.080	62	186812	49.345	ug/l	98
43) Isopropyl Acetate	6.336	43	262104	49.191	ug/l	98
44) Trichloroethene	7.123	130	104348	49.690	ug/l	97
45) 1,2-Dichloropropane	7.428	63	109521	49.021	ug/l	98
46) Dibromomethane	7.580	93	78476	49.307	ug/l	97
47) Bromodichloromethane	7.818	83	155979	51.048	ug/l	98
48) Methyl methacrylate	7.690	41	132151	48.341	ug/l	97
49) 1,4-Dioxane	7.708	88	47720	1042.603	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	806243	239.638	ug/l	98
52) Toluene	8.714	92	260175	49.449	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	167793	53.313	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	177569	52.612	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	103344	47.579	ug/l	93
56) Ethyl methacrylate	9.116	69	167541	51.062	ug/l	94
57) 1,3-Dichloropropane	9.305	76	184990	47.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	405169	224.039	ug/l	98
59) 2-Hexanone	9.427	43	625328	250.005	ug/l	97
60) Dibromochloromethane	9.519	129	107020	50.480	ug/l	100
61) 1,2-Dibromoethane	9.610	107	109641	48.412	ug/l	98
64) Tetrachloroethene	9.275	164	89622	55.601	ug/l	98
65) Chlorobenzene	10.079	112	254800	47.462	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	94975	51.266	ug/l	99
67) Ethyl Benzene	10.189	91	480682	50.135	ug/l	98
68) m/p-Xylenes	10.299	106	364649	100.807	ug/l	98
69) o-Xylene	10.640	106	175730	49.240	ug/l	96
70) Styrene	10.653	104	304208	51.157	ug/l	98
71) Bromoform	10.799	173	64862	50.855	ug/l #	100
73) Isopropylbenzene	10.957	105	475362	49.632	ug/l	99
74) N-amyl acetate	10.842	43	224083	51.774	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	156545	47.734	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	138654m	45.262	ug/l	
77) Bromobenzene	11.195	156	105466	46.999	ug/l	94
78) n-propylbenzene	11.305	91	586306	52.036	ug/l	98
79) 2-Chlorotoluene	11.360	91	350766	49.496	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	414803	50.861	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	45250	51.703	ug/l	93
82) 4-Chlorotoluene	11.451	91	411052	49.781	ug/l	98
83) tert-Butylbenzene	11.713	119	389453	50.230	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	413752	50.862	ug/l	98
85) sec-Butylbenzene	11.890	105	515316	53.378	ug/l	99
86) p-Isopropyltoluene	12.006	119	426087	52.459	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	210798	49.258	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	211939	48.349	ug/l	99
89) n-Butylbenzene	12.329	91	403635	55.684	ug/l	98
90) Hexachloroethane	12.536	117	68722	53.939	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	206007	49.048	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35547	49.142	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	124179	52.157	ug/l	99
94) Hexachlorobutadiene	13.725	225	49747	52.855	ug/l	99
95) Naphthalene	13.774	128	412025	50.171	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	120888	50.634	ug/l	99

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

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