

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035850.D
 Acq On : 24 May 2023 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 25 05:38:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	184723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	322089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135161	41.942	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.880%		
35) Dibromofluoromethane	5.391	113	104478	48.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.200%		
50) Toluene-d8	8.647	98	374116	46.622	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.240%		
62) 4-Bromofluorobenzene	11.079	95	147837	45.756	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	110299	45.817	ug/l	99
3) Chloromethane	1.294	50	119797	41.005	ug/l	98
4) Vinyl Chloride	1.374	62	118919	47.963	ug/l	100
5) Bromomethane	1.617	94	72854	54.255	ug/l	96
6) Chloroethane	1.691	64	73612	48.940	ug/l	100
7) Trichlorofluoromethane	1.886	101	196501	53.901	ug/l	100
8) Diethyl Ether	2.130	74	71603	51.012	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	109328	50.510	ug/l	98
10) Methyl Iodide	2.453	142	124553	64.341	ug/l	97
11) Tert butyl alcohol	3.093	59	149202m	262.427	ug/l	
12) 1,1-Dichloroethene	2.319	96	103906	50.510	ug/l	97
13) Acrolein	2.245	56	238507	353.452	ug/l	100
14) Allyl chloride	2.666	41	207829	47.158	ug/l	98
15) Acrylonitrile	3.075	53	366023	292.361	ug/l	99
16) Acetone	2.404	43	333789	240.995	ug/l	97
17) Carbon Disulfide	2.514	76	230571	46.442	ug/l	99
18) Methyl Acetate	2.709	43	311026	60.889	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	401371	49.031	ug/l	99
20) Methylene Chloride	2.788	84	130054	51.810	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	114668	50.870	ug/l	95
22) Diisopropyl ether	3.757	45	434674	50.375	ug/l	100
23) Vinyl Acetate	3.721	43	1554510	254.611	ug/l	98
24) 1,1-Dichloroethane	3.611	63	228812	49.582	ug/l	99
25) 2-Butanone	4.574	43	539903	281.590	ug/l	98
26) 2,2-Dichloropropane	4.477	77	158348	40.519	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	136611	50.415	ug/l	99
28) Bromochloromethane	4.897	49	102666	49.460	ug/l	99
29) Tetrahydrofuran	5.019	42	351050	291.300	ug/l	98
30) Chloroform	5.092	83	231268	48.905	ug/l	99
31) Cyclohexane	5.470	56	196323	48.219	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	195405	47.492	ug/l	100
36) 1,1-Dichloropropene	5.690	75	167639	48.893	ug/l	99
37) Ethyl Acetate	4.714	43	201046	56.218	ug/l	99
38) Carbon Tetrachloride	5.678	117	159731	49.179	ug/l	97
39) Methylcyclohexane	7.379	83	196867	48.778	ug/l	96
40) Benzene	6.037	78	493575	51.458	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	113846	53.617	ug/l	98
42) 1,2-Dichloroethane	6.086	62	192383	46.626	ug/l	98
43) Isopropyl Acetate	6.342	43	328525	52.681	ug/l	99
44) Trichloroethene	7.123	130	126774	52.125	ug/l	99
45) 1,2-Dichloropropane	7.427	63	131620	51.812	ug/l	99
46) Dibromomethane	7.580	93	90073	51.799	ug/l	98
47) Bromodichloromethane	7.818	83	168003	49.986	ug/l	97
48) Methyl methacrylate	7.696	41	160734	52.227	ug/l	99
49) 1,4-Dioxane	7.750	88	69493	1129.095	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	1047813	291.654	ug/l	98
52) Toluene	8.720	92	310004	51.201	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	183824	50.341	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	202296	51.708	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	128055	53.848	ug/l	98
56) Ethyl methacrylate	9.116	69	207384	53.851	ug/l	98
57) 1,3-Dichloropropane	9.311	76	222249	51.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	513553	262.136	ug/l	100
59) 2-Hexanone	9.433	43	796190	294.273	ug/l	99
60) Dibromochloromethane	9.518	129	122680	54.120	ug/l	100
61) 1,2-Dibromoethane	9.610	107	135986	54.275	ug/l	100
64) Tetrachloroethene	9.275	164	101857	52.259	ug/l	96
65) Chlorobenzene	10.079	112	329983	52.216	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	117104	52.406	ug/l	98
67) Ethyl Benzene	10.195	91	598459	50.352	ug/l	98
68) m/p-Xylenes	10.299	106	449672	102.355	ug/l	99
69) o-Xylene	10.640	106	222727	51.090	ug/l	99
70) Styrene	10.652	104	374814	53.346	ug/l	98
71) Bromoform	10.799	173	81786	55.627	ug/l #	100
73) Isopropylbenzene	10.963	105	587437	49.416	ug/l	99
74) N-amyl acetate	10.841	43	287544	51.879	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	204357	52.994	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	192760m	55.861	ug/l	
77) Bromobenzene	11.195	156	135035	50.047	ug/l	98
78) n-propylbenzene	11.305	91	696979	49.877	ug/l	100
79) 2-Chlorotoluene	11.366	91	413951	47.315	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	488113	48.311	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	55285	51.635	ug/l	93
82) 4-Chlorotoluene	11.451	91	471428	46.789	ug/l	99
83) tert-Butylbenzene	11.713	119	481663	49.044	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	500939	49.379	ug/l	99
85) sec-Butylbenzene	11.890	105	609483	49.427	ug/l	99
86) p-Isopropyltoluene	12.006	119	503040	49.621	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	262607	51.234	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	264517	51.107	ug/l	100
89) n-Butylbenzene	12.329	91	452688	49.088	ug/l	98
90) Hexachloroethane	12.536	117	81120	52.794	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	258492	51.500	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42534	49.533	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	158311	52.383	ug/l	98
94) Hexachlorobutadiene	13.725	225	61430	51.210	ug/l	99
95) Naphthalene	13.774	128	558364	53.950	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	154105	51.847	ug/l	99

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

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