

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113023\
 Data File : VX039070.D
 Acq On : 30 Nov 2023 15:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 01 01:59:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2023
 Supervised By : Mahesh Dadoda 12/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	126423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234410	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103220	50.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.340%			
35) Dibromofluoromethane	5.385	113	83914	49.566	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.140%			
50) Toluene-d8	8.647	98	314457	48.547	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.100%			
62) 4-Bromofluorobenzene	11.079	95	125130	48.258	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80287	54.427	ug/l	97
3) Chloromethane	1.294	50	94419	49.040	ug/l	99
4) Vinyl Chloride	1.374	62	93576	50.455	ug/l	99
5) Bromomethane	1.599	94	57972	75.602	ug/l	100
6) Chloroethane	1.684	64	55655	52.584	ug/l	99
7) Trichlorofluoromethane	1.886	101	127551	54.198	ug/l	96
8) Diethyl Ether	2.130	74	49874	48.656	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	77705	49.787	ug/l	98
10) Methyl Iodide	2.453	142	87029	45.814	ug/l	93
11) Tert butyl alcohol	2.959	59	132085	233.125	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	79761	50.619	ug/l	90
13) Acrolein	2.233	56	60899	203.160	ug/l	100
14) Allyl chloride	2.666	41	156975	49.758	ug/l	93
15) Acrylonitrile	3.062	53	299695	250.332	ug/l	99
16) Acetone	2.373	43	289231	266.711	ug/l	91
17) Carbon Disulfide	2.514	76	229149	46.948	ug/l	98
18) Methyl Acetate	2.703	43	255503	49.603	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	286016	51.608	ug/l	97
20) Methylene Chloride	2.788	84	93784	47.975	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	88161	50.707	ug/l	95
22) Diisopropyl ether	3.757	45	305866	52.849	ug/l	95
23) Vinyl Acetate	3.721	43	1130977	271.335	ug/l	99
24) 1,1-Dichloroethane	3.611	63	164880	50.945	ug/l	99
25) 2-Butanone	4.550	43	444281	252.639	ug/l	97
26) 2,2-Dichloropropane	4.477	77	140332	49.987	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	101899	50.281	ug/l	98
28) Bromochloromethane	4.897	49	79118	50.916	ug/l	96
29) Tetrahydrofuran	5.001	42	288197	258.106	ug/l	99
30) Chloroform	5.092	83	163833	51.841	ug/l	97
31) Cyclohexane	5.470	56	152886	52.566	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	141248	51.601	ug/l	99
36) 1,1-Dichloropropene	5.696	75	126713	52.222	ug/l	99
37) Ethyl Acetate	4.708	43	158784	50.228	ug/l	99
38) Carbon Tetrachloride	5.678	117	119146	53.130	ug/l	97
39) Methylcyclohexane	7.379	83	159614	50.431	ug/l	98
40) Benzene	6.037	78	375308	52.296	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	87317	53.256	ug/l	96
42) 1,2-Dichloroethane	6.086	62	129749	54.569	ug/l	97
43) Isopropyl Acetate	6.336	43	256965	50.863	ug/l	99
44) Trichloroethene	7.123	130	93633	53.601	ug/l	100
45) 1,2-Dichloropropane	7.427	63	99970	51.764	ug/l	96
46) Dibromomethane	7.580	93	67543	52.443	ug/l	98
47) Bromodichloromethane	7.818	83	130631	51.103	ug/l	98
48) Methyl methacrylate	7.689	41	148688	60.658	ug/l	93
49) 1,4-Dioxane	7.659	88	45662	962.878	ug/l #	95
51) 4-Methyl-2-Pentanone	8.573	43	845135	261.766	ug/l	99
52) Toluene	8.720	92	234791	52.721	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	151363	49.827	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	159111	50.708	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	96232	51.787	ug/l	95
56) Ethyl methacrylate	9.116	69	121217	38.554	ug/l	97
57) 1,3-Dichloropropane	9.305	76	163039	53.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	342399	233.778	ug/l	95
59) 2-Hexanone	9.427	43	682838	263.868	ug/l	98
60) Dibromochloromethane	9.518	129	97119	51.401	ug/l	100
61) 1,2-Dibromoethane	9.610	107	103207	52.929	ug/l	100
64) Tetrachloroethene	9.275	164	71987	52.700	ug/l	98
65) Chlorobenzene	10.079	112	243607	51.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	87448	51.355	ug/l	99
67) Ethyl Benzene	10.195	91	457860	52.644	ug/l	100
68) m/p-Xylenes	10.299	106	337517	102.591	ug/l	99
69) o-Xylene	10.640	106	163730	50.295	ug/l	99
70) Styrene	10.652	104	246832	44.896	ug/l	99
71) Bromoform	10.799	173	68455	48.223	ug/l #	99
73) Isopropylbenzene	10.963	105	438133	49.406	ug/l	99
74) N-amyl acetate	10.841	43	225005	47.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	166379	48.062	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	140110m	49.339	ug/l	
77) Bromobenzene	11.195	156	97008	48.683	ug/l	95
78) n-propylbenzene	11.305	91	534488	48.965	ug/l	98
79) 2-Chlorotoluene	11.366	91	309093	47.714	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	375617	50.375	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	54854	42.846	ug/l	85
82) 4-Chlorotoluene	11.451	91	366698	49.093	ug/l	100
83) tert-Butylbenzene	11.713	119	355988	48.476	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	380356	50.398	ug/l	99
85) sec-Butylbenzene	11.890	105	455350	47.404	ug/l	99
86) p-Isopropyltoluene	12.006	119	385398	49.981	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	189535	48.574	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	189953	47.563	ug/l	99
89) n-Butylbenzene	12.329	91	380263	48.878	ug/l	97
90) Hexachloroethane	12.536	117	72379	47.004	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	181123	48.940	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39864	47.002	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	120495	48.585	ug/l	99
94) Hexachlorobutadiene	13.725	225	43291	49.292	ug/l	99
95) Naphthalene	13.774	128	435889	47.191	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	117264	49.879	ug/l	100

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

