

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021023\
 Data File : VX034073.D
 Acq On : 08 Feb 2023 10:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 08 13:19:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Semsettin Yesilyurt 02/09/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	154760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	208358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75277	50.455	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.920%			
35) Dibromofluoromethane	5.379	113	66832	50.399	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.800%			
50) Toluene-d8	8.646	98	238157	49.848	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.700%			
62) 4-Bromofluorobenzene	11.079	95	89448	52.420	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60975	48.467	ug/l	99
3) Chloromethane	1.294	50	52048	43.840	ug/l	97
4) Vinyl Chloride	1.373	62	52936	42.576	ug/l	99
5) Bromomethane	1.605	94	27435	42.851	ug/l	100
6) Chloroethane	1.684	64	30897	44.939	ug/l	99
7) Trichlorofluoromethane	1.885	101	91348	46.177	ug/l	99
8) Diethyl Ether	2.129	74	29207	42.926	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.330	101	60223	45.597	ug/l	92
10) Methyl Iodide	2.452	142	73592	39.330	ug/l	94
11) Tert butyl alcohol	2.952	59	48579	232.405	ug/l #	84
12) 1,1-Dichloroethene	2.318	96	55078	43.466	ug/l	92
13) Acrolein	2.233	56	60319	215.148	ug/l	100
14) Allyl chloride	2.666	41	91602	44.337	ug/l	91
15) Acrylonitrile	3.056	53	148373	221.283	ug/l	100
16) Acetone	2.373	43	158015	250.759	ug/l	95
17) Carbon Disulfide	2.513	76	140000	43.547	ug/l	99
18) Methyl Acetate	2.696	43	88019	44.904	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	179168	45.853	ug/l	100
20) Methylene Chloride	2.788	84	62278	43.200	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	61253	44.382	ug/l	95
22) Diisopropyl ether	3.757	45	179804	44.101	ug/l	89
23) Vinyl Acetate	3.714	43	691946	222.874	ug/l	97
24) 1,1-Dichloroethane	3.605	63	106698	45.402	ug/l	99
25) 2-Butanone	4.543	43	207058	225.659	ug/l	94
26) 2,2-Dichloropropane	4.470	77	80128	46.742	ug/l	99
27) cis-1,2-Dichloroethene	4.482	96	70729	44.553	ug/l	97
28) Bromochloromethane	4.891	49	49265	47.681	ug/l	86
29) Tetrahydrofuran	4.995	42	127136	217.853	ug/l	94
30) Chloroform	5.086	83	112153	45.791	ug/l	98
31) Cyclohexane	5.470	56	94726	43.598	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	99251	47.055	ug/l	98
36) 1,1-Dichloropropene	5.690	75	83202	45.763	ug/l	98
37) Ethyl Acetate	4.702	43	75313	44.467	ug/l	98
38) Carbon Tetrachloride	5.677	117	92621	47.765	ug/l	99
39) Methylcyclohexane	7.378	83	105069	45.910	ug/l	95
40) Benzene	6.031	78	241202	45.852	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	44580	46.772	ug/l	96
42) 1,2-Dichloroethane	6.080	62	87393	48.890	ug/l	99
43) Isopropyl Acetate	6.330	43	122294	46.300	ug/l	98
44) Trichloroethene	7.122	130	74522	46.093	ug/l	96
45) 1,2-Dichloropropane	7.427	63	60436	46.532	ug/l	98
46) Dibromomethane	7.580	93	45048	48.412	ug/l	96
47) Bromodichloromethane	7.817	83	86399	49.001	ug/l	97
48) Methyl methacrylate	7.689	41	64435	47.248	ug/l	96
49) 1,4-Dioxane	7.659	88	27283	1039.326	ug/l #	93
51) 4-Methyl-2-Pentanone	8.567	43	384215	231.903	ug/l	97
52) Toluene	8.720	92	158985	46.634	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	88148	49.731	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	98073	48.632	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	63857	46.894	ug/l	98
56) Ethyl methacrylate	9.116	69	91644	48.186	ug/l	96
57) 1,3-Dichloropropane	9.305	76	105050	47.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	206954	233.874	ug/l	96
59) 2-Hexanone	9.427	43	290660	239.728	ug/l	97
60) Dibromochloromethane	9.518	129	74679	49.483	ug/l	99
61) 1,2-Dibromoethane	9.610	107	69673	47.582	ug/l	98
64) Tetrachloroethene	9.274	164	70400	45.293	ug/l	96
65) Chlorobenzene	10.079	112	177687	46.219	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	69983	48.172	ug/l	98
67) Ethyl Benzene	10.195	91	304561	46.804	ug/l	99
68) m/p-Xylenes	10.299	106	241524	92.857	ug/l	99
69) o-Xylene	10.640	106	117977	47.228	ug/l	99
70) Styrene	10.652	104	198458	48.236	ug/l	99
71) Bromoform	10.798	173	59795	50.459	ug/l #	99
73) Isopropylbenzene	10.963	105	310587	45.396	ug/l	100
74) N-amyl acetate	10.841	43	103573	45.953	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	89921	43.681	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	73807m	41.988	ug/l	
77) Bromobenzene	11.195	156	85961	45.310	ug/l	96
78) n-propylbenzene	11.304	91	347399	45.924	ug/l	98
79) 2-Chlorotoluene	11.365	91	205175	44.794	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	263403	46.253	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25887	45.354	ug/l	99
82) 4-Chlorotoluene	11.451	91	236706	45.692	ug/l	98
83) tert-Butylbenzene	11.713	119	268866	45.698	ug/l	100
84) 1,2,4-Trimethylbenzene	11.749	105	260993	45.874	ug/l	100
85) sec-Butylbenzene	11.890	105	326371	46.364	ug/l	100
86) p-Isopropyltoluene	12.006	119	288244	46.687	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	157342	45.198	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	159915	45.247	ug/l	100
89) n-Butylbenzene	12.329	91	229262	47.363	ug/l	98
90) Hexachloroethane	12.536	117	46711	48.059	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	152508	44.920	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	19114	47.219	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	116388	48.519	ug/l	99
94) Hexachlorobutadiene	13.725	225	54652	46.027	ug/l	98
95) Naphthalene	13.774	128	310057	47.044	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	111890	46.435	ug/l	100

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

