

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039803.D
 Acq On : 17 Jan 2024 15:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 18 02:44:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/18/2024
 Supervised By : Semsettin Yesilyurt 01/18/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	98167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	170532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78324	47.630	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.260%		
35) Dibromofluoromethane	5.385	113	58929	51.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.600%		
50) Toluene-d8	8.647	98	210897	48.683	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.360%		
62) 4-Bromofluorobenzene	11.079	95	83196	49.111	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49858	39.255	ug/l	96
3) Chloromethane	1.294	50	57433	39.595	ug/l	98
4) Vinyl Chloride	1.374	62	57590	42.070	ug/l	97
5) Bromomethane	1.599	94	37325	47.787	ug/l	98
6) Chloroethane	1.685	64	35365	45.445	ug/l	99
7) Trichlorofluoromethane	1.886	101	87047	44.080	ug/l	100
8) Diethyl Ether	2.130	74	33606	46.050	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	52753	43.090	ug/l	99
10) Methyl Iodide	2.453	142	61583	47.682	ug/l	95
11) Tert butyl alcohol	2.959	59	94608	221.014	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	50569	42.800	ug/l	96
13) Acrolein	2.233	56	55484	208.180	ug/l	100
14) Allyl chloride	2.666	41	100115	43.052	ug/l	98
15) Acrylonitrile	3.062	53	196188	221.875	ug/l	98
16) Acetone	2.373	43	210308	227.404	ug/l	94
17) Carbon Disulfide	2.514	76	142519	41.968	ug/l	99
18) Methyl Acetate	2.697	43	88909	45.952	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	189821	45.254	ug/l	98
20) Methylene Chloride	2.788	84	62285	44.525	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	55222	44.413	ug/l	97
22) Diisopropyl ether	3.757	45	202680	45.672	ug/l	97
23) Vinyl Acetate	3.721	43	960636	232.874	ug/l	100
24) 1,1-Dichloroethane	3.611	63	109462	44.836	ug/l	100
25) 2-Butanone	4.550	43	305447	229.827	ug/l	96
26) 2,2-Dichloropropane	4.471	77	82174	41.938	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	66257	46.461	ug/l	95
28) Bromochloromethane	4.897	49	52638	47.565	ug/l	96
29) Tetrahydrofuran	4.995	42	188856	220.775	ug/l	99
30) Chloroform	5.092	83	114130	47.355	ug/l	97
31) Cyclohexane	5.470	56	93806	43.223	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	94467	45.784	ug/l	98
36) 1,1-Dichloropropene	5.690	75	82217	45.986	ug/l	99
37) Ethyl Acetate	4.708	43	110241	46.220	ug/l	99
38) Carbon Tetrachloride	5.678	117	76505	46.721	ug/l	99
39) Methylcyclohexane	7.379	83	95748	44.599	ug/l	98
40) Benzene	6.037	78	238443	47.099	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57426	49.235	ug/l	96
42) 1,2-Dichloroethane	6.080	62	93643	48.653	ug/l	100
43) Isopropyl Acetate	6.336	43	167933	47.996	ug/l	100
44) Trichloroethene	7.123	130	58867	47.446	ug/l	96
45) 1,2-Dichloropropane	7.427	63	64200	47.273	ug/l	100
46) Dibromomethane	7.580	93	46841	49.936	ug/l	98
47) Bromodichloromethane	7.818	83	85913	49.453	ug/l	95
48) Methyl methacrylate	7.690	41	83839	48.749	ug/l	96
49) 1,4-Dioxane	7.653	88	31455	945.221	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	575733	238.921	ug/l	98
52) Toluene	8.714	92	145890	48.247	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	91940	49.874	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	101094	49.873	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	63509	49.331	ug/l	96
56) Ethyl methacrylate	9.116	69	103736	49.786	ug/l	97
57) 1,3-Dichloropropane	9.305	76	105774	48.482	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	237886	241.536	ug/l	96
59) 2-Hexanone	9.427	43	463290	242.921	ug/l	99
60) Dibromochloromethane	9.518	129	63082	51.958	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67578	50.689	ug/l	100
64) Tetrachloroethene	9.269	164	47363	46.703	ug/l	95
65) Chlorobenzene	10.079	112	152965	47.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55648	50.316	ug/l	98
67) Ethyl Benzene	10.189	91	285461	47.339	ug/l	100
68) m/p-Xylenes	10.299	106	211029	95.157	ug/l	96
69) o-Xylene	10.640	106	104608	47.631	ug/l	96
70) Styrene	10.652	104	172410	48.057	ug/l	98
71) Bromoform	10.799	173	43272	52.106	ug/l #	99
73) Isopropylbenzene	10.963	105	274880	44.546	ug/l	100
74) N-amyl acetate	10.841	43	151818	47.200	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	108050	45.856	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	91242m	45.408	ug/l	
77) Bromobenzene	11.195	156	62857	45.750	ug/l	98
78) n-propylbenzene	11.305	91	333920	44.710	ug/l	98
79) 2-Chlorotoluene	11.366	91	197397	42.764	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	236916	45.206	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	29688	44.651	ug/l	98
82) 4-Chlorotoluene	11.451	91	233201	44.539	ug/l	98
83) tert-Butylbenzene	11.713	119	228280	45.624	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	239176	45.744	ug/l	99
85) sec-Butylbenzene	11.890	105	294249	45.304	ug/l	99
86) p-Isopropyltoluene	12.006	119	242778	46.769	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	121337	46.072	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	123370	45.355	ug/l	100
89) n-Butylbenzene	12.329	91	232332	46.339	ug/l	96
90) Hexachloroethane	12.536	117	41082	46.911	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	117478	45.120	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27305	47.290	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	73525	46.209	ug/l	97
94) Hexachlorobutadiene	13.725	225	30377	45.926	ug/l	97
95) Naphthalene	13.774	128	269438	45.998	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	72310	45.029	ug/l	99

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

