

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037790.D
 Acq On : 18 Sep 2023 20:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 07:26:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2023
 Supervised By : Semsettin Yesilyurt 09/19/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	238191	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	399992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161892	51.732	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.460%			
35) Dibromofluoromethane	5.385	113	139257	52.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.653	98	520355	52.327	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.660%			
62) 4-Bromofluorobenzene	11.079	95	202078	55.922	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	117072	46.631	ug/l	98
3) Chloromethane	1.300	50	126479	46.301	ug/l	98
4) Vinyl Chloride	1.373	62	137613	46.696	ug/l	100
5) Bromomethane	1.599	94	128190	60.761	ug/l	97
6) Chloroethane	1.684	64	92154	45.392	ug/l	96
7) Trichlorofluoromethane	1.885	101	229293	48.396	ug/l	100
8) Diethyl Ether	2.135	74	87320	47.572	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.330	101	115071	47.858	ug/l	96
10) Methyl Iodide	2.452	142	148978	46.820	ug/l	92
11) Tert butyl alcohol	2.958	59	159540	237.505	ug/l	# 93
12) 1,1-Dichloroethene	2.318	96	113154	48.694	ug/l	86
13) Acrolein	2.233	56	177713	267.797	ug/l	100
14) Allyl chloride	2.666	41	181349	46.857	ug/l	# 95
15) Acrylonitrile	3.062	53	349648	234.112	ug/l	98
16) Acetone	2.379	43	280283	186.177	ug/l	# 89
17) Carbon Disulfide	2.513	76	267706	45.949	ug/l	99
18) Methyl Acetate	2.702	43	251976	46.397	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	418050	48.905	ug/l	98
20) Methylene Chloride	2.788	84	139193	50.010	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	127956	49.589	ug/l	88
22) Diisopropyl ether	3.763	45	397279	49.280	ug/l	# 86
23) Vinyl Acetate	3.720	43	1466446	247.301	ug/l	96
24) 1,1-Dichloroethane	3.611	63	234497	48.541	ug/l	99
25) 2-Butanone	4.556	43	465116	218.934	ug/l	91
26) 2,2-Dichloropropane	4.476	77	170161	43.592	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	154639	48.884	ug/l	89
28) Bromochloromethane	4.897	49	104837	46.518	ug/l	# 80
29) Tetrahydrofuran	5.001	42	304837	230.683	ug/l	89
30) Chloroform	5.098	83	256217	49.234	ug/l	98
31) Cyclohexane	5.470	56	195137	48.582	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	220797	50.108	ug/l	97
36) 1,1-Dichloropropene	5.696	75	177570	48.163	ug/l	96
37) Ethyl Acetate	4.714	43	185813	45.845	ug/l	96
38) Carbon Tetrachloride	5.677	117	191598	49.668	ug/l	97
39) Methylcyclohexane	7.384	83	223422	47.748	ug/l	92
40) Benzene	6.037	78	545558	48.120	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	96054	46.478	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	196624	47.984	ug/l	97
43) Isopropyl Acetate	6.342	43	306942	47.360	ug/l #	95
44) Trichloroethene	7.128	130	145600	46.115	ug/l	99
45) 1,2-Dichloropropane	7.433	63	141160	47.944	ug/l	97
46) Dibromomethane	7.580	93	104737	49.452	ug/l	92
47) Bromodichloromethane	7.823	83	196106	50.275	ug/l	96
48) Methyl methacrylate	7.695	41	148169	47.824	ug/l #	87
49) 1,4-Dioxane	7.659	88	79088	973.709	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	962846	234.159	ug/l	95
52) Toluene	8.720	92	352291	48.214	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	207428	50.858	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	226057	50.080	ug/l #	89
55) 1,1,2-Trichloroethane	9.152	97	153097	49.697	ug/l	98
56) Ethyl methacrylate	9.116	69	228330	49.648	ug/l	90
57) 1,3-Dichloropropane	9.311	76	242435	48.632	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	502917	234.186	ug/l	98
59) 2-Hexanone	9.433	43	741739	231.680	ug/l	93
60) Dibromochloromethane	9.524	129	159487	51.969	ug/l	99
61) 1,2-Dibromoethane	9.610	107	164014	50.285	ug/l	100
64) Tetrachloroethene	9.274	164	125318	47.197	ug/l	97
65) Chlorobenzene	10.079	112	390990	46.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	144562	48.574	ug/l	98
67) Ethyl Benzene	10.195	91	694895	47.726	ug/l	99
68) m/p-Xylenes	10.305	106	542819	96.480	ug/l	96
69) o-Xylene	10.640	106	269041	47.686	ug/l	97
70) Styrene	10.658	104	451823	49.884	ug/l	96
71) Bromoform	10.799	173	120197	51.125	ug/l #	99
73) Isopropylbenzene	10.963	105	708200	44.133	ug/l	98
74) N-amyl acetate	10.841	43	294702	45.347	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	249740	44.252	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	241132m	47.665	ug/l	
77) Bromobenzene	11.201	156	177081	44.585	ug/l	88
78) n-propylbenzene	11.305	91	829511	45.772	ug/l	99
79) 2-Chlorotoluene	11.365	91	489178	43.778	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	610443	45.046	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	69660	44.110	ug/l	88
82) 4-Chlorotoluene	11.457	91	572256	45.490	ug/l	97
83) tert-Butylbenzene	11.713	119	619944	45.264	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	613275	45.485	ug/l	97
85) sec-Butylbenzene	11.890	105	775516	46.672	ug/l	99
86) p-Isopropyltoluene	12.012	119	651345	47.050	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	340334	45.968	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	344425	45.462	ug/l	98
89) n-Butylbenzene	12.335	91	595297	49.086	ug/l	98
90) Hexachloroethane	12.542	117	113071	48.206	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	341354	45.158	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	50896	45.242	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	220333	49.483	ug/l	97
94) Hexachlorobutadiene	13.725	225	98504	47.372	ug/l	99
95) Naphthalene	13.774	128	715315	47.501	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	220073	48.027	ug/l	98

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

