

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042877.D
 Acq On : 06 Aug 2024 18:18
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Aug 07 02:36:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:27:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/07/2024
 Supervised By : Mahesh Dadoda 08/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	214349	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	373378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135893	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	2235	0.967	ug/l	84
3) Chloromethane	1.300	50	2895	1.150	ug/l	89
4) Vinyl Chloride	1.374	62	2244	0.940	ug/l	92
6) Chloroethane	1.666	64	1637	1.203	ug/l	97
7) Trichlorofluoromethane	1.873	101	4356	1.173	ug/l	98
8) Diethyl Ether	2.136	74	1426	1.044	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.319	101	2447	1.048	ug/l	91
12) 1,1-Dichloroethene	2.312	96	2396	1.014	ug/l	85
14) Allyl chloride	2.666	41	3832	1.073	ug/l	92
15) Acrylonitrile	3.081	53	7726	5.172	ug/l	95
16) Acetone	2.392	43	7573	5.933	ug/l	98
17) Carbon Disulfide	2.508	76	6229	1.083	ug/l #	93
18) Methyl Acetate	2.715	43	4698	1.161	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	7919	0.996	ug/l	92
20) Methylene Chloride	2.788	84	4515	0.801	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	2355	0.991	ug/l #	81
22) Diisopropyl ether	3.776	45	7793	0.994	ug/l #	76
23) Vinyl Acetate	3.733	43	40319	4.530	ug/l	97
24) 1,1-Dichloroethane	3.611	63	4627	1.026	ug/l #	91
25) 2-Butanone	4.593	43	9633	4.806	ug/l	91
26) 2,2-Dichloropropane	4.477	77	2857	1.030	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	2508	0.890	ug/l	93
28) Bromochloromethane	4.910	49	1987	1.148	ug/l #	92
29) Tetrahydrofuran	5.038	42	6915	5.106	ug/l	96
30) Chloroform	5.092	83	4777	1.012	ug/l #	82
32) 1,1,1-Trichloroethane	5.373	97	3934	0.946	ug/l #	50
36) 1,1-Dichloropropene	5.696	75	3544	1.071	ug/l	99
37) Ethyl Acetate	4.757	43	4497	1.086	ug/l #	81
38) Carbon Tetrachloride	5.665	117	3972	1.063	ug/l #	65
39) Methylcyclohexane	7.379	83	3431	0.872	ug/l	88
40) Benzene	6.037	78	9845	0.958	ug/l	91
41) Methacrylonitrile	4.952	41	1801	0.844	ug/l #	72
42) 1,2-Dichloroethane	6.092	62	3732	0.999	ug/l	86
43) Isopropyl Acetate	6.360	43	5598	0.914	ug/l #	93
44) Trichloroethene	7.129	130	2598	1.007	ug/l	87
45) 1,2-Dichloropropane	7.446	63	2685	1.030	ug/l #	76

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46) Dibromomethane	7.592	93	1823	0.953	ug/l	89
47) Bromodichloromethane	7.824	83	3150	0.886	ug/l #	89
48) Methyl methacrylate	7.708	41	2454	0.836	ug/l	91
49) 1,4-Dioxane	7.690	88	1068m	25.265	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	18476	4.504	ug/l	100
52) Toluene	8.726	92	5465	0.877	ug/l	76
53) t-1,3-Dichloropropene	8.988	75	2586	0.787	ug/l #	84
54) cis-1,3-Dichloropropene	8.372	75	2931	0.808	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	2332	0.921	ug/l #	86
56) Ethyl methacrylate	9.128	69	3417	0.838	ug/l	90
57) 1,3-Dichloropropane	9.317	76	3850	0.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	7742	4.030	ug/l	97
59) 2-Hexanone	9.439	43	14557	4.579	ug/l	90
60) Dibromochloromethane	9.525	129	2482	0.892	ug/l	99
61) 1,2-Dibromoethane	9.616	107	2439	0.911	ug/l	98
64) Tetrachloroethene	9.275	164	2255	1.019	ug/l #	80
65) Chlorobenzene	10.079	112	6881	1.019	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	2169	0.932	ug/l #	65
67) Ethyl Benzene	10.195	91	10561	0.930	ug/l	94
68) m/p-Xylenes	10.305	106	7649	1.764	ug/l	95
69) o-Xylene	10.646	106	4214	0.970	ug/l	88
70) Styrene	10.665	104	5602	0.802	ug/l	96
71) Bromoform	10.805	173	1254	1.460	ug/l #	67
73) Isopropylbenzene	10.963	105	9372	0.954	ug/l	99
74) N-amyl acetate	10.847	43	3815	0.863	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	3983	1.107	ug/l	93
76) 1,2,3-Trichloropropane	11.244	75	3249m	1.090	ug/l	
77) Bromobenzene	11.201	156	2409	0.964	ug/l	87
78) n-propylbenzene	11.305	91	9566	0.877	ug/l	97
79) 2-Chlorotoluene	11.366	91	6935	0.991	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	7087	0.871	ug/l	94
82) 4-Chlorotoluene	11.457	91	7368	0.937	ug/l	95
83) tert-Butylbenzene	11.713	119	8017	0.959	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	7129	0.870	ug/l	100
85) sec-Butylbenzene	11.890	105	8121	0.825	ug/l	99
86) p-Isopropyltoluene	12.012	119	6569	0.803	ug/l	92
87) 1,3-Dichlorobenzene	11.975	146	4632	1.024	ug/l	94
88) 1,4-Dichlorobenzene	12.036	146	5029m	1.085	ug/l	
89) n-Butylbenzene	12.335	91	5887	0.834	ug/l	87
90) Hexachloroethane	12.536	117	1471	0.983	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	4342	0.959	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	791	1.000	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	2720	0.985	ug/l	89
94) Hexachlorobutadiene	13.731	225	1072	0.915	ug/l	92
95) Naphthalene	13.780	128	8151	0.853	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2521	0.907	ug/l	94

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

