

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061423\
 Data File : VX036154.D
 Acq On : 14 Jun 2023 14:03
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Jun 15 01:31:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 15 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	315662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	285035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	128903	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	2269	1.192	ug/l	99
3) Chloromethane	1.301	50	2104	1.026	ug/l	94
4) Vinyl Chloride	1.374	62	2025	1.049	ug/l #	86
6) Chloroethane	1.691	64	1263	1.037	ug/l #	66
7) Trichlorofluoromethane	1.892	101	2930	1.062	ug/l	88
8) Diethyl Ether	2.136	74	1056	0.918	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	1665	0.993	ug/l	91
12) 1,1-Dichloroethene	2.325	96	1757	1.054	ug/l	93
14) Allyl chloride	2.666	41	3366	0.993	ug/l	94
15) Acrylonitrile	3.081	53	5478	4.731	ug/l	97
16) Acetone	2.410	43	6730	5.938	ug/l	99
17) Carbon Disulfide	2.514	76	4688	1.105	ug/l #	92
18) Methyl Acetate	2.715	43	5131	1.077	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	6079	0.919	ug/l	94
20) Methylene Chloride	2.794	84	2320	1.106	ug/l #	93
21) trans-1,2-Dichloroethene	3.093	96	2076	1.092	ug/l	83
22) Diisopropyl ether	3.751	45	5898	0.884	ug/l #	67
23) Vinyl Acetate	3.727	43	20491	4.200	ug/l	98
24) 1,1-Dichloroethane	3.617	63	3532	0.959	ug/l #	94
25) 2-Butanone	4.587	43	8331	5.032	ug/l	96
26) 2,2-Dichloropropane	4.477	77	2767	0.939	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	2032	0.926	ug/l	93
28) Bromochloromethane	4.904	49	1790	0.939	ug/l #	97
29) Tetrahydrofuran	5.025	42	5118	4.805	ug/l #	63
30) Chloroform	5.086	83	3784	0.981	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	3126m	0.959	ug/l	
36) 1,1-Dichloropropene	5.690	75	2915	1.073	ug/l	98
37) Ethyl Acetate	4.733	43	3547	1.063	ug/l #	69
38) Carbon Tetrachloride	5.678	117	2490	0.950	ug/l #	91
39) Methylcyclohexane	7.379	83	3024	1.048	ug/l #	83
40) Benzene	6.037	78	7519	0.965	ug/l	93
41) Methacrylonitrile	4.922	41	1847	0.993	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	3318	0.987	ug/l	93
43) Isopropyl Acetate	6.342	43	4598	0.889	ug/l	96
44) Trichloroethene	7.129	130	2036	1.018	ug/l	68
45) 1,2-Dichloropropane	7.427	63	1901	0.932	ug/l #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	1481	0.994	ug/l	94
47) Bromodichloromethane	7.824	83	2499	0.899	ug/l #	74
48) Methyl methacrylate	7.702	41	2223	0.863	ug/l	91
49) 1,4-Dioxane	7.763	88	1069m	21.217	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	13983	4.484	ug/l	100
52) Toluene	8.714	92	4692	0.957	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	2239	0.762	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	2609	0.818	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	1998	0.972	ug/l	94
56) Ethyl methacrylate	9.122	69	2538	0.799	ug/l	91
57) 1,3-Dichloropropane	9.311	76	3218	0.906	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.244	63	7682	4.578	ug/l	95
59) 2-Hexanone	9.433	43	10310	4.457	ug/l	97
60) Dibromochloromethane	9.519	129	1527	0.780	ug/l	97
61) 1,2-Dibromoethane	9.610	107	1995	0.925	ug/l	96
64) Tetrachloroethene	9.275	164	1648	1.055	ug/l	89
65) Chlorobenzene	10.079	112	5132	0.987	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	1579	0.863	ug/l #	62
67) Ethyl Benzene	10.195	91	8523	0.928	ug/l	98
68) m/p-Xylenes	10.299	106	6446	1.840	ug/l	96
69) o-Xylene	10.640	106	3127	0.904	ug/l	81
70) Styrene	10.659	104	4811	0.848	ug/l	96
71) Bromoform	10.799	173	976	3.986	ug/l #	100
73) Isopropylbenzene	10.963	105	8231	0.940	ug/l	97
74) N-amyl acetate	10.842	43	3097	0.777	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.207	83	2910	0.972	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	2711m	0.940	ug/l	
77) Bromobenzene	11.201	156	1727	0.840	ug/l	64
78) n-propylbenzene	11.305	91	9690	0.950	ug/l	95
79) 2-Chlorotoluene	11.366	91	6373	0.987	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	6740	0.912	ug/l	93
82) 4-Chlorotoluene	11.457	91	6865	0.933	ug/l	96
83) tert-Butylbenzene	11.713	119	6109	0.872	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	6502	0.876	ug/l	96
85) sec-Butylbenzene	11.890	105	7869	0.923	ug/l	99
86) p-Isopropyltoluene	12.006	119	6356	0.881	ug/l	89
87) 1,3-Dichlorobenzene	11.969	146	3811	0.972	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	4391m	1.085	ug/l	
89) n-Butylbenzene	12.335	91	5783	0.933	ug/l	93
90) Hexachloroethane	12.536	117	887	3.554	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	3955	1.030	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	677	0.988	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	2111	0.967	ug/l	86
94) Hexachlorobutadiene	13.725	225	953	1.132	ug/l	93
95) Naphthalene	13.774	128	6484	0.842	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2139	0.987	ug/l	92

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

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