

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041669.D
 Acq On : 29 May 2024 13:09
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

Quant Time: May 30 06:58:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 06:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	181821	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	269269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115061	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	1.167	85	1582	0.990	ug/l	91
3) Chloromethane	1.301	50	2019	1.158	ug/l #	88
4) Vinyl Chloride	1.374	62	1821	1.015	ug/l #	73
6) Chloroethane	1.666	64	1449m	1.336	ug/l	
7) Trichlorofluoromethane	1.868	101	3061	1.045	ug/l	99
8) Diethyl Ether	2.136	74	1078	0.955	ug/l	60
9) 1,1,2-Trichlorotrifluo...	2.319	101	1772	1.067	ug/l	91
12) 1,1-Dichloroethene	2.313	96	1590	0.981	ug/l	84
14) Allyl chloride	2.660	41	2467	0.925	ug/l	92
15) Acrylonitrile	3.075	53	4593	4.748	ug/l	99
16) Acetone	2.386	43	7164	6.354	ug/l #	88
17) Carbon Disulfide	2.502	76	4393	1.225	ug/l	98
18) Methyl Acetate	2.715	43	2256	1.060	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	5470	1.009	ug/l	95
20) Methylene Chloride	2.788	84	2834	1.420	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	1692	1.006	ug/l	94
22) Diisopropyl ether	3.764	45	5106	0.937	ug/l #	73
23) Vinyl Acetate	3.727	43	20386	4.164	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	2977	0.966	ug/l	97
25) 2-Butanone	4.587	43	6571	4.741	ug/l #	88
26) 2,2-Dichloropropane	4.471	77	2425	0.959	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	1983	0.986	ug/l	87
28) Bromochloromethane	4.910	49	1433	1.080	ug/l #	81
29) Tetrahydrofuran	5.026	42	4317	4.939	ug/l	97
30) Chloroform	5.099	83	3167	0.979	ug/l	87
32) 1,1,1-Trichloroethane	5.379	97	2618	0.923	ug/l #	51
36) 1,1-Dichloropropene	5.684	75	1202	0.533	ug/l #	50
37) Ethyl Acetate	4.739	43	1960	0.671	ug/l #	69
38) Carbon Tetrachloride	5.672	117	2283	0.891	ug/l	97
39) Methylcyclohexane	7.379	83	2653	0.958	ug/l	92
40) Benzene	6.038	78	6587	0.935	ug/l	98
41) Methacrylonitrile	4.952	41	1108	0.796	ug/l	89
42) 1,2-Dichloroethane	6.092	62	2318	0.881	ug/l	90
43) Isopropyl Acetate	6.355	43	3816	0.888	ug/l #	91
44) Trichloroethene	7.129	130	1901	0.992	ug/l	79
45) 1,2-Dichloropropane	7.434	63	1684	1.005	ug/l	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	1281	0.997	ug/l #	81
47) Bromodichloromethane	7.824	83	2048	0.861	ug/l	97
48) Methyl methacrylate	7.708	41	1774	0.860	ug/l	89
49) 1,4-Dioxane	7.690	88	443	9.794	ug/l #	73
51) 4-Methyl-2-Pentanone	8.580	43	12054	4.328	ug/l	99
52) Toluene	8.720	92	4361	0.975	ug/l	94
53) t-1,3-Dichloropropene	8.988	75	1792	0.765	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	2046	0.790	ug/l	90
55) 1,1,2-Trichloroethane	9.159	97	1630	0.904	ug/l #	88
56) Ethyl methacrylate	9.129	69	2076	0.755	ug/l	93
57) 1,3-Dichloropropane	9.311	76	2766	0.924	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	5610	4.331	ug/l	97
59) 2-Hexanone	9.439	43	8618	4.058	ug/l	97
60) Dibromochloromethane	9.525	129	1535	0.768	ug/l	100
61) 1,2-Dibromoethane	9.616	107	1653	0.869	ug/l	93
64) Tetrachloroethene	9.275	164	1925	1.089	ug/l	90
65) Chlorobenzene	10.073	112	5274	1.042	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	1580	0.899	ug/l #	65
67) Ethyl Benzene	10.195	91	7721	0.957	ug/l	98
68) m/p-Xylenes	10.299	106	6258	1.950	ug/l	95
69) o-Xylene	10.640	106	2866	0.898	ug/l	99
70) Styrene	10.659	104	4467	0.847	ug/l	97
71) Bromoform	10.799	173	1118	0.731	ug/l #	95
73) Isopropylbenzene	10.964	105	7135	1.000	ug/l	99
74) N-amyl acetate	10.848	43	2816	0.891	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	2719	1.073	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	2246m	1.117	ug/l	
77) Bromobenzene	11.201	156	2171	1.030	ug/l	81
78) n-propylbenzene	11.305	91	7846	1.001	ug/l	98
79) 2-Chlorotoluene	11.366	91	5517	1.095	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	5762	0.967	ug/l	98
82) 4-Chlorotoluene	11.457	91	5908	1.031	ug/l	91
83) tert-Butylbenzene	11.713	119	6404	0.998	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	5771	0.956	ug/l	99
85) sec-Butylbenzene	11.890	105	6789	0.923	ug/l	99
86) p-Isopropyltoluene	12.012	119	5938	0.920	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	4205	1.118	ug/l	94
88) 1,4-Dichlorobenzene	12.037	146	4511m	1.177	ug/l	
89) n-Butylbenzene	12.335	91	4817	0.943	ug/l	96
90) Hexachloroethane	12.536	117	991	0.903	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	4179	1.090	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.951	75	443	0.866	ug/l	68
93) 1,2,4-Trichlorobenzene	13.591	180	2657	1.052	ug/l	95
94) Hexachlorobutadiene	13.725	225	1230	0.983	ug/l	94
95) Naphthalene	13.780	128	7278	0.976	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2782	1.070	ug/l	94

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

