

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043022.D
 Acq On : 14 Aug 2024 11:20
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

Quant Time: Aug 14 13:59:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 13:56:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131403	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	233248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78964	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	1254	0.944	ug/l	100
3) Chloromethane	1.294	50	1797	0.914	ug/l	# 80
4) Vinyl Chloride	1.374	62	1845	0.934	ug/l	91
6) Chloroethane	1.666	64	613	0.985	ug/l	100
7) Trichlorofluoromethane	1.874	101	2130	1.031	ug/l	95
8) Diethyl Ether	2.136	74	1026	1.074	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	1337	0.905	ug/l	94
12) 1,1-Dichloroethene	2.313	96	1486	0.938	ug/l	81
14) Allyl chloride	2.660	41	3017	1.016	ug/l	94
15) Acrylonitrile	3.075	53	5015	4.545	ug/l	93
16) Acetone	2.392	43	4448	5.194	ug/l	91
17) Carbon Disulfide	2.502	76	4357	0.959	ug/l	100
18) Methyl Acetate	2.709	43	2808	0.992	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	4899	0.917	ug/l	97
20) Methylene Chloride	2.782	84	2408	1.216	ug/l	92
21) trans-1,2-Dichloroethene	3.081	96	1581	0.956	ug/l	85
22) Diisopropyl ether	3.770	45	5374	0.886	ug/l	# 63
23) Vinyl Acetate	3.733	43	29483	4.169	ug/l	96
24) 1,1-Dichloroethane	3.605	63	2784	0.910	ug/l	# 93
25) 2-Butanone	4.593	43	6816	4.540	ug/l	# 86
26) 2,2-Dichloropropane	4.477	77	2385	0.979	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	1936	0.970	ug/l	79
28) Bromochloromethane	4.897	49	1468	1.061	ug/l	# 96
29) Tetrahydrofuran	5.038	42	4908	4.717	ug/l	96
30) Chloroform	5.099	83	2829	0.963	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	2201	0.897	ug/l	# 50
36) 1,1-Dichloropropene	5.690	75	1885	0.940	ug/l	98
37) Ethyl Acetate	4.745	43	2228	0.789	ug/l	# 95
38) Carbon Tetrachloride	5.678	117	1822	0.899	ug/l	# 77
39) Methylcyclohexane	7.379	83	2619	0.944	ug/l	# 86
40) Benzene	6.038	78	6252	0.915	ug/l	100
41) Methacrylonitrile	4.952	41	1099	0.738	ug/l	# 74
42) 1,2-Dichloroethane	6.098	62	1777	0.895	ug/l	85
43) Isopropyl Acetate	6.367	43	4017	0.882	ug/l	# 88
44) Trichloroethene	7.129	130	1399	0.905	ug/l	86
45) 1,2-Dichloropropane	7.440	63	1428	0.850	ug/l	# 83

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	1092	0.950	ug/l	95
47) Bromodichloromethane	7.824	83	2061	0.924	ug/l #	91
48) Methyl methacrylate	7.714	41	1391	1.042	ug/l #	77
49) 1,4-Dioxane	7.684	88	688m	24.772	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	11737	4.053	ug/l	96
52) Toluene	8.720	92	3707	0.899	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	2151	0.883	ug/l	96
54) cis-1,3-Dichloropropene	8.379	75	2365	0.883	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	1437	0.887	ug/l	92
56) Ethyl methacrylate	9.128	69	2430	0.828	ug/l #	92
57) 1,3-Dichloropropane	9.317	76	2402	0.875	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.251	63	6272	4.555	ug/l	99
59) 2-Hexanone	9.439	43	8708	3.914	ug/l	95
60) Dibromochloromethane	9.519	129	1440	0.843	ug/l	97
61) 1,2-Dibromoethane	9.610	107	1323	0.810	ug/l	96
64) Tetrachloroethene	9.275	164	1206	0.965	ug/l	91
65) Chlorobenzene	10.079	112	3692	0.883	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.165	131	1301	0.924	ug/l #	66
67) Ethyl Benzene	10.195	91	6473	0.891	ug/l	95
68) m/p-Xylenes	10.305	106	4773	1.709	ug/l	97
69) o-Xylene	10.640	106	2401	0.856	ug/l	92
70) Styrene	10.659	104	3810	0.810	ug/l	94
71) Bromoform	10.805	173	936	0.800	ug/l #	93
73) Isopropylbenzene	10.963	105	5539	0.920	ug/l	89
74) N-amyl acetate	10.848	43	2961	0.863	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	2466	1.064	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	1638m	0.710	ug/l	
77) Bromobenzene	11.201	156	1431	0.989	ug/l	90
78) n-propylbenzene	11.305	91	5937	0.865	ug/l	100
79) 2-Chlorotoluene	11.366	91	4208	0.985	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4681	0.943	ug/l	100
82) 4-Chlorotoluene	11.457	91	4291	0.901	ug/l	100
83) tert-Butylbenzene	11.713	119	4981	0.970	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	4624	0.924	ug/l	98
85) sec-Butylbenzene	11.890	105	5431	0.871	ug/l	98
86) p-Isopropyltoluene	12.012	119	4393	0.863	ug/l	94
87) 1,3-Dichlorobenzene	11.975	146	2314	0.889	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	2559m	0.961	ug/l	
89) n-Butylbenzene	12.335	91	3588	0.814	ug/l	95
90) Hexachloroethane	12.536	117	891	0.871	ug/l	90
91) 1,2-Dichlorobenzene	12.341	146	2359	0.899	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	400	0.882	ug/l	62
93) 1,2,4-Trichlorobenzene	13.591	180	1184	0.802	ug/l	96
94) Hexachlorobutadiene	13.725	225	465	0.844	ug/l	96
95) Naphthalene	13.780	128	5178	0.888	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	1181	0.782	ug/l	92

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

