

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042786.D
 Acq On : 01 Aug 2024 09:31
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2024
 Supervised By : Semsettin Yesilyurt 08/03/2024

Quant Time: Aug 01 11:03:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 11:03:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	95465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63815	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	1063	1.462	ug/l	80
3) Chloromethane	1.300	50	1245	1.365	ug/l	93
4) Vinyl Chloride	1.374	62	1028	1.124	ug/l #	86
6) Chloroethane	1.672	64	439	0.954	ug/l #	43
7) Trichlorofluoromethane	1.873	101	1646	1.374	ug/l #	78
8) Diethyl Ether	2.136	74	656	1.166	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.319	101	1073	1.300	ug/l	87
12) 1,1-Dichloroethene	2.312	96	921	1.119	ug/l #	88
14) Allyl chloride	2.660	41	1366	1.046	ug/l #	86
15) Acrylonitrile	3.075	53	2478	4.541	ug/l	97
16) Acetone	2.386	43	3385	7.003	ug/l #	86
17) Carbon Disulfide	2.508	76	1957	1.166	ug/l #	76
18) Methyl Acetate	2.709	43	1178	0.893	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	3167	1.164	ug/l #	85
20) Methylene Chloride	2.782	84	1839	1.737	ug/l #	74
21) trans-1,2-Dichloroethene	3.093	96	1064	1.273	ug/l #	78
22) Diisopropyl ether	3.763	45	2804	1.016	ug/l #	87
23) Vinyl Acetate	3.733	43	10663	4.523	ug/l	100
24) 1,1-Dichloroethane	3.611	63	1835	1.187	ug/l #	84
25) 2-Butanone	4.593	43	3657m	4.863	ug/l	
26) 2,2-Dichloropropane	4.477	77	1410	1.260	ug/l	88
27) cis-1,2-Dichloroethene	4.489	96	1220	1.166	ug/l	63
28) Bromochloromethane	4.897	49	875	1.322	ug/l #	97
29) Tetrahydrofuran	5.013	42	2030	4.180	ug/l #	88
30) Chloroform	5.086	83	1960	1.217	ug/l #	61
32) 1,1,1-Trichloroethane	5.373	97	1788	1.329	ug/l #	39
36) 1,1-Dichloropropene	5.690	75	1462	1.126	ug/l #	81
37) Ethyl Acetate	4.733	43	1515m	0.896	ug/l	
38) Carbon Tetrachloride	5.665	117	1698	1.184	ug/l	90
39) Methylcyclohexane	7.372	83	1569	0.956	ug/l #	59
40) Benzene	6.043	78	4198	0.959	ug/l	96
41) Methacrylonitrile	4.940	41	604	0.659	ug/l #	76
42) 1,2-Dichloroethane	6.098	62	1637	1.161	ug/l #	77
43) Isopropyl Acetate	6.348	43	2194	0.845	ug/l #	90
44) Trichloroethene	7.129	130	1085	0.925	ug/l	73
45) 1,2-Dichloropropane	7.440	63	772	0.717	ug/l #	82

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Manual Integrations APPROVED

Reviewed By : John Carlone 08/01/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	664	0.847	ug/l	93
47) Bromodichloromethane	7.818	83	1294	0.899	ug/l #	94
48) Methyl methacrylate	7.708	41	895m	0.722	ug/l	
49) 1,4-Dioxane	7.683	88	257	8.581	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	6569	3.674	ug/l	99
52) Toluene	8.720	92	2551	0.915	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	1195	0.848	ug/l	91
54) cis-1,3-Dichloropropene	8.378	75	1412	0.896	ug/l #	60
55) 1,1,2-Trichloroethane	9.159	97	1186	1.021	ug/l #	73
56) Ethyl methacrylate	9.128	69	1257	0.696	ug/l	87
57) 1,3-Dichloropropane	9.311	76	1922	1.024	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.244	63	3138	3.727	ug/l	94
59) 2-Hexanone	9.439	43	4790	3.498	ug/l	98
60) Dibromochloromethane	9.518	129	912	0.723	ug/l	97
61) 1,2-Dibromoethane	9.616	107	1006	0.835	ug/l	84
64) Tetrachloroethene	9.268	164	1263	1.120	ug/l #	70
65) Chlorobenzene	10.079	112	3103	0.963	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	956	0.848	ug/l #	62
67) Ethyl Benzene	10.195	91	4625	0.916	ug/l	97
68) m/p-Xylenes	10.299	106	3537	1.736	ug/l	92
69) o-Xylene	10.640	106	1700	0.843	ug/l	98
70) Styrene	10.659	104	2478	0.732	ug/l	98
71) Bromoform	10.805	173	614	0.609	ug/l #	98
73) Isopropylbenzene	10.963	105	4082	1.052	ug/l	91
74) N-amyl acetate	10.847	43	1637	0.950	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.219	83	1807	1.252	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1477m	1.275	ug/l	
77) Bromobenzene	11.195	156	973	0.842	ug/l	86
78) n-propylbenzene	11.305	91	4368	1.037	ug/l	98
79) 2-Chlorotoluene	11.366	91	3122	1.151	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3272	1.012	ug/l	99
82) 4-Chlorotoluene	11.457	91	3208	1.070	ug/l	94
83) tert-Butylbenzene	11.713	119	3256	0.918	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	2975	0.918	ug/l	87
85) sec-Butylbenzene	11.890	105	3687	0.919	ug/l	90
86) p-Isopropyltoluene	12.006	119	2970	0.848	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	1905	0.938	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	2143m	1.028	ug/l	
89) n-Butylbenzene	12.335	91	2277	0.844	ug/l	93
90) Hexachloroethane	12.536	117	683	1.145	ug/l	65
91) 1,2-Dichlorobenzene	12.335	146	1905	0.917	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	278	0.972	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	898	0.660	ug/l	89
94) Hexachlorobutadiene	13.725	225	495	0.719	ug/l	89
95) Naphthalene	13.780	128	4246	1.012	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.969	180	1067	0.743	ug/l	92

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

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