

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020924\
 Data File : VX040176.D
 Acq On : 09 Feb 2024 16:10
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Feb 10 05:51:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 10 05:51:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	80583	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	139272	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63296	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	907	0.996	ug/l	90
3) Chloromethane	1.300	50	1059	1.128	ug/l	99
4) Vinyl Chloride	1.373	62	945	0.953	ug/l #	66
6) Chloroethane	1.690	64	787	1.258	ug/l	92
7) Trichlorofluoromethane	1.886	101	1608	1.009	ug/l	98
8) Diethyl Ether	2.136	74	691	1.155	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	871	1.019	ug/l	95
12) 1,1-Dichloroethene	2.318	96	840	1.021	ug/l	86
13) Acrolein	2.239	56	1299	6.285	ug/l	90
14) Allyl chloride	2.666	41	1522	1.066	ug/l	91
15) Acrylonitrile	3.074	53	2453	4.695	ug/l	94
16) Acetone	2.379	43	2758	5.601	ug/l	93
17) Carbon Disulfide	2.514	76	2612	1.203	ug/l #	93
18) Methyl Acetate	2.715	43	1278	0.968	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	2557	0.882	ug/l	94
20) Methylene Chloride	2.800	84	1303	1.295	ug/l #	82
21) trans-1,2-Dichloroethene	3.099	96	1130	1.206	ug/l #	73
22) Diisopropyl ether	3.769	45	2571	0.888	ug/l #	90
23) Vinyl Acetate	3.733	43	11464	4.441	ug/l #	91
24) 1,1-Dichloroethane	3.617	63	1707	1.012	ug/l #	83
25) 2-Butanone	4.580	43	3943	5.123	ug/l #	76
26) 2,2-Dichloropropane	4.464	77	1122	0.864	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	1083	1.013	ug/l	92
28) Bromochloromethane	4.909	49	616	0.860	ug/l #	68
29) Tetrahydrofuran	5.025	42	2467	4.920	ug/l	93
30) Chloroform	5.111	83	1881	1.031	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	1531	0.998	ug/l #	50
36) 1,1-Dichloropropene	5.696	75	1372	1.007	ug/l #	78
37) Ethyl Acetate	4.739	43	1554	1.025	ug/l #	71
38) Carbon Tetrachloride	5.684	117	1212	0.936	ug/l #	71
39) Methylcyclohexane	7.397	83	1566	0.989	ug/l #	71
40) Benzene	6.062	78	3722	0.977	ug/l #	84
41) Methacrylonitrile	4.946	41	698m	0.881	ug/l	
42) 1,2-Dichloroethane	6.098	62	1358	0.912	ug/l #	77
43) Isopropyl Acetate	6.360	43	2189	0.925	ug/l #	89
44) Trichloroethene	7.135	130	1036	0.986	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	7.439	63	941	0.949	ug/l	90
46) Dibromomethane	7.592	93	662	0.906	ug/l	95
47) Bromodichloromethane	7.824	83	1268	0.901	ug/l #	73
48) Methyl methacrylate	7.720	41	990	0.818	ug/l	92
49) 1,4-Dioxane	7.683	88	534	20.271	ug/l #	72
51) 4-Methyl-2-Pentanone	8.579	43	7166	4.435	ug/l	99
52) Toluene	8.726	92	2483	0.995	ug/l	91
53) t-1,3-Dichloropropene	8.988	75	1182	2.628	ug/l #	87
54) cis-1,3-Dichloropropene	8.372	75	1299	0.824	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	1033	0.970	ug/l #	84
56) Ethyl methacrylate	9.122	69	1272	0.798	ug/l	95
57) 1,3-Dichloropropane	9.311	76	1610	0.927	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	3112	4.128	ug/l	99
59) 2-Hexanone	9.433	43	5329	4.160	ug/l	97
60) Dibromochloromethane	9.524	129	848	0.782	ug/l	93
61) 1,2-Dibromoethane	9.616	107	985	0.871	ug/l	98
64) Tetrachloroethene	9.274	164	1052	1.171	ug/l #	84
65) Chlorobenzene	10.079	112	2816	1.053	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.165	131	751	0.810	ug/l #	54
67) Ethyl Benzene	10.201	91	4482	0.941	ug/l #	74
68) m/p-Xylenes	10.311	106	3372	1.874	ug/l	99
69) o-Xylene	10.646	106	1536	0.878	ug/l	97
70) Styrene	10.658	104	2349	0.808	ug/l #	88
71) Bromoform	10.799	173	584	2.711	ug/l #	90
73) Isopropylbenzene	10.963	105	4394	0.986	ug/l	80
74) N-amyl acetate	10.847	43	1440	0.754	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	1630	1.018	ug/l	87
76) 1,2,3-Trichloropropane	11.244	75	1170m	0.913	ug/l	
77) Bromobenzene	11.207	156	977	0.928	ug/l	84
78) n-propylbenzene	11.305	91	5408	1.002	ug/l	99
79) 2-Chlorotoluene	11.366	91	3318	1.018	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	3302	0.880	ug/l	99
82) 4-Chlorotoluene	11.457	91	4039	1.046	ug/l	99
83) tert-Butylbenzene	11.713	119	3532	0.960	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	3564	0.939	ug/l	98
85) sec-Butylbenzene	11.890	105	4625	0.978	ug/l	95
86) p-Isopropyltoluene	12.012	119	3733	0.963	ug/l	91
87) 1,3-Dichlorobenzene	11.975	146	1976	0.947	ug/l	91
88) 1,4-Dichlorobenzene	12.042	146	2455m	1.111	ug/l	
89) n-Butylbenzene	12.335	91	3682	0.984	ug/l	98
90) Hexachloroethane	12.536	117	484	0.792	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	2046	1.013	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.951	75	328	0.887	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	1516	1.096	ug/l	94
94) Hexachlorobutadiene	13.725	225	662	1.200	ug/l	82
95) Naphthalene	13.774	128	4390	1.005	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	1317	0.999	ug/l	96

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

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