

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040447.D
 Acq On : 26 Feb 2024 09:22
 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 02/27/2024
 Supervised By : Semsettin Yesilyurt 02/27/2024

Quant Time: Feb 27 04:50:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 04:43:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	91579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159038	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71480	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	1214	1.065	ug/l	91
3) Chloromethane	1.301	50	1247	1.103	ug/l	98
4) Vinyl Chloride	1.374	62	1400	1.145	ug/l #	68
6) Chloroethane	1.697	64	786m	1.016	ug/l	
7) Trichlorofluoromethane	1.892	101	2001	1.036	ug/l #	71
8) Diethyl Ether	2.136	74	721	1.068	ug/l	56
9) 1,1,2-Trichlorotrifluo...	2.331	101	1087	1.046	ug/l	97
12) 1,1-Dichloroethene	2.319	96	1245	1.193	ug/l	82
14) Allyl chloride	2.660	41	1878	1.029	ug/l	89
15) Acrylonitrile	3.062	53	3478	5.385	ug/l	98
16) Acetone	2.374	43	2513	5.031	ug/l #	72
17) Carbon Disulfide	2.514	76	3407	1.179	ug/l	99
18) Methyl Acetate	2.703	43	1690	1.097	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	3767	1.058	ug/l	94
20) Methylene Chloride	2.788	84	1374	1.149	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	1198	1.077	ug/l	96
22) Diisopropyl ether	3.751	45	3695	1.007	ug/l #	43
23) Vinyl Acetate	3.721	43	16339	4.863	ug/l	99
24) 1,1-Dichloroethane	3.611	63	2325	1.087	ug/l #	87
25) 2-Butanone	4.556	43	4456	5.120	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	1868	1.097	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	1481	1.138	ug/l	86
28) Bromochloromethane	4.891	49	785	0.877	ug/l #	64
29) Tetrahydrofuran	5.013	42	3129m	5.154	ug/l	
30) Chloroform	5.093	83	2366	1.042	ug/l #	77
32) 1,1,1-Trichloroethane	5.385	97	2015	1.040	ug/l #	50
36) 1,1-Dichloropropene	5.684	75	1897	1.113	ug/l	94
37) Ethyl Acetate	4.721	43	2041	1.095	ug/l #	73
38) Carbon Tetrachloride	5.678	117	1682	1.022	ug/l #	92
39) Methylcyclohexane	7.379	83	1736	0.944	ug/l	93
40) Benzene	6.037	78	4840	1.049	ug/l	92
41) Methacrylonitrile	4.934	41	1190	1.142	ug/l #	35
42) 1,2-Dichloroethane	6.092	62	1865	0.977	ug/l	88
43) Isopropyl Acetate	6.342	43	2941	1.005	ug/l #	87
44) Trichloroethene	7.135	130	1414	1.140	ug/l	71
45) 1,2-Dichloropropane	7.440	63	1272	1.030	ug/l #	77

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	927	1.021	ug/l	94
47) Bromodichloromethane	7.824	83	1897	1.061	ug/l #	91
48) Methyl methacrylate	7.696	41	1286	0.879	ug/l #	85
49) 1,4-Dioxane	7.671	88	491	17.748	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	9190	4.750	ug/l	96
52) Toluene	8.720	92	2628	0.928	ug/l	81
53) t-1,3-Dichloropropene	8.982	75	1589	0.876	ug/l #	72
54) cis-1,3-Dichloropropene	8.372	75	1928	0.989	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	983	0.837	ug/l #	90
56) Ethyl methacrylate	9.122	69	1497	0.824	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	2077	1.015	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.244	63	4299	4.513	ug/l	93
59) 2-Hexanone	9.433	43	6668	4.483	ug/l	95
60) Dibromochloromethane	9.519	129	1221	0.957	ug/l	100
61) 1,2-Dibromoethane	9.610	107	1200	0.936	ug/l	85
64) Tetrachloroethene	9.275	164	1160	1.137	ug/l	93
65) Chlorobenzene	10.079	112	3298	1.067	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1000	0.918	ug/l #	63
67) Ethyl Benzene	10.195	91	5464	0.966	ug/l	89
68) m/p-Xylenes	10.299	106	4311	2.041	ug/l	98
69) o-Xylene	10.640	106	1869	0.925	ug/l	83
70) Styrene	10.659	104	3072	0.912	ug/l	94
71) Bromoform	10.805	173	726	0.814	ug/l #	93
73) Isopropylbenzene	10.957	105	4974	0.945	ug/l	97
74) N-amyl acetate	10.842	43	2084	0.852	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	1930	1.014	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	1636m	1.040	ug/l	
77) Bromobenzene	11.207	156	1226	0.985	ug/l	95
78) n-propylbenzene	11.305	91	6497	0.995	ug/l	96
79) 2-Chlorotoluene	11.366	91	4167	1.060	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	4108	0.918	ug/l	93
82) 4-Chlorotoluene	11.457	91	4510	0.992	ug/l	95
83) tert-Butylbenzene	11.713	119	3850	0.912	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	4043	0.910	ug/l	94
85) sec-Butylbenzene	11.890	105	4996	0.901	ug/l	94
86) p-Isopropyltoluene	12.012	119	4435	0.970	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	2703	1.089	ug/l	92
88) 1,4-Dichlorobenzene	12.043	146	2699m	1.069	ug/l	
89) n-Butylbenzene	12.335	91	4299	0.956	ug/l	96
90) Hexachloroethane	12.536	117	711	0.935	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	2540	1.074	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	406	0.915	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	1660	1.076	ug/l	90
94) Hexachlorobutadiene	13.719	225	699	1.108	ug/l	96
95) Naphthalene	13.774	128	4435	0.899	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1422	0.969	ug/l	89

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

