

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043486.D
 Acq On : 23 Oct 2024 11:41
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
 Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 04:31:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 04:25:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	63641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122877	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43789	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	74 - 125	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	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	743	1.033	ug/l	100
3) Chloromethane	1.295	50	1176	1.243	ug/l	91
4) Vinyl Chloride	1.380	62	877	1.046	ug/l	99
6) Chloroethane	1.673	64	366m	1.145	ug/l	
7) Trichlorofluoromethane	1.874	101	1313	1.123	ug/l	92
8) Diethyl Ether	2.148	74	599	1.210	ug/l #	47
9) 1,1,2-Trichlorotrifluo...	2.313	101	740	1.064	ug/l #	89
12) 1,1-Dichloroethene	2.313	96	648	0.934	ug/l #	76
14) Allyl chloride	2.660	41	1639	1.221	ug/l #	94
15) Acrylonitrile	3.093	53	1962	5.216	ug/l	91
16) Acetone	2.392	43	2375	5.841	ug/l	91
17) Carbon Disulfide	2.502	76	1603	1.080	ug/l #	89
18) Methyl Acetate	2.715	43	1417	1.257	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	2567	1.003	ug/l	97
20) Methylene Chloride	2.794	84	1050	1.159	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	900	1.118	ug/l #	83
22) Diisopropyl ether	3.770	45	2768	1.019	ug/l #	54
23) Vinyl Acetate	3.751	43	8639m	4.510	ug/l	
24) 1,1-Dichloroethane	3.617	63	1660	1.045	ug/l #	83
25) 2-Butanone	4.617	43	2997m	5.942	ug/l	
26) 2,2-Dichloropropane	4.477	77	1318	0.994	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	1015	1.001	ug/l	93
28) Bromochloromethane	4.910	49	677	0.986	ug/l #	80
29) Tetrahydrofuran	5.038	42	1771	5.063	ug/l #	72
30) Chloroform	5.099	83	1902	1.091	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	1481	1.065	ug/l #	50
36) 1,1-Dichloropropene	5.690	75	1017	1.016	ug/l #	67
37) Ethyl Acetate	4.776	43	1037m	0.925	ug/l	
38) Carbon Tetrachloride	5.684	117	1142	1.044	ug/l #	87
39) Methylcyclohexane	7.373	83	1277	1.069	ug/l #	88
40) Benzene	6.038	78	3525	1.022	ug/l #	88
41) Methacrylonitrile	4.965	41	367m	0.745	ug/l	
42) 1,2-Dichloroethane	6.123	62	1168m	0.948	ug/l	
43) Isopropyl Acetate	6.367	43	1898m	1.078	ug/l	
44) Trichloroethene	7.129	130	1103m	1.297	ug/l	
45) 1,2-Dichloropropane	7.434	63	649	0.818	ug/l #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.598	93	522	0.920	ug/l	91
47) Bromodichloromethane	7.830	83	1088	0.952	ug/l #	70
48) Methyl methacrylate	7.720	41	756m	0.993	ug/l	
49) 1,4-Dioxane	7.702	88	195	13.421	ug/l #	67
51) 4-Methyl-2-Pentanone	8.586	43	4749	4.503	ug/l	95
52) Toluene	8.732	92	1986	0.958	ug/l	83
53) t-1,3-Dichloropropene	9.000	75	927	0.863	ug/l #	73
54) cis-1,3-Dichloropropene	8.379	75	1053	0.872	ug/l #	87
55) 1,1,2-Trichloroethane	9.165	97	739	0.995	ug/l #	82
56) Ethyl methacrylate	9.153	69	941m	0.857	ug/l	
57) 1,3-Dichloropropane	9.318	76	1216	0.942	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.269	63	1899	3.895	ug/l	92
59) 2-Hexanone	9.452	43	3751m	4.983	ug/l	
60) Dibromochloromethane	9.525	129	610	0.838	ug/l	90
61) 1,2-Dibromoethane	9.616	107	692	0.923	ug/l	99
64) Tetrachloroethene	9.281	164	858	1.158	ug/l #	74
65) Chlorobenzene	10.080	112	2565	1.089	ug/l #	82
66) 1,1,1,2-Tetrachloroethane	10.165	131	701	0.942	ug/l #	60
67) Ethyl Benzene	10.201	91	3739	0.984	ug/l	93
68) m/p-Xylenes	10.305	106	2881	1.986	ug/l	94
69) o-Xylene	10.647	106	1431	0.977	ug/l	97
70) Styrene	10.659	104	2226m	0.941	ug/l	
71) Bromoform	10.805	173	340	0.800	ug/l #	95
73) Isopropylbenzene	10.964	105	3314	1.052	ug/l	99
74) N-amyl acetate	10.860	43	1345m	1.139	ug/l	
75) 1,1,2,2-Tetrachloroethane	11.214	83	1166	1.199	ug/l	80
76) 1,2,3-Trichloropropane	11.244	75	868m	0.972	ug/l	
77) Bromobenzene	11.201	156	862	1.067	ug/l	88
78) n-propylbenzene	11.311	91	3880	1.085	ug/l	94
79) 2-Chlorotoluene	11.366	91	2769	1.128	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	2873	1.041	ug/l	91
82) 4-Chlorotoluene	11.457	91	3520	1.238	ug/l	93
83) tert-Butylbenzene	11.720	119	2642	1.010	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	3123	1.104	ug/l	97
85) sec-Butylbenzene	11.890	105	3276	1.048	ug/l	97
86) p-Isopropyltoluene	12.012	119	2590	0.983	ug/l	87
87) 1,3-Dichlorobenzene	11.976	146	1837	1.207	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	2128m	1.325	ug/l	
89) n-Butylbenzene	12.341	91	2223	1.016	ug/l	98
90) Hexachloroethane	12.530	117	411	0.981	ug/l	73
91) 1,2-Dichlorobenzene	12.347	146	1851	1.217	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.957	75	119	0.681	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	1115	1.294	ug/l	90
94) Hexachlorobutadiene	13.719	225	360	1.103	ug/l	75
95) Naphthalene	13.786	128	3500m	1.306	ug/l	
96) 1,2,3-Trichlorobenzene	13.963	180	1061	1.242	ug/l	91

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

