

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031641.D
 Acq On : 26 Sep 2022 10:13
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 26 12:01:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 26 12:01:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	50984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	77595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	81645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54048	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	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	620	0.846	ug/l	85
3) Chloromethane	1.288	50	913	0.939	ug/l	99
4) Vinyl Chloride	1.374	62	882	0.795	ug/l #	69
6) Chloroethane	1.691	64	1448	1.210	ug/l	97
7) Trichlorofluoromethane	1.886	101	2673	1.063	ug/l #	83
8) Diethyl Ether	2.123	74	878	1.014	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	784	0.955	ug/l #	77
12) 1,1-Dichloroethene	2.319	96	806	1.016	ug/l	79
14) Allyl chloride	2.666	41	1000	0.773	ug/l #	77
15) Acrylonitrile	3.075	53	2035	4.136	ug/l	96
16) Acetone	2.392	43	2065	4.625	ug/l #	85
17) Carbon Disulfide	2.508	76	1710	0.800	ug/l	99
18) Methyl Acetate	2.715	43	1083	0.775	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	2448	0.853	ug/l	98
20) Methylene Chloride	2.794	84	1186	1.164	ug/l #	80
21) trans-1,2-Dichloroethene	3.087	96	857	0.956	ug/l	83
22) Diisopropyl ether	3.757	45	2313	0.825	ug/l #	71
23) Vinyl Acetate	3.721	43	8700	3.630	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	1437	0.907	ug/l #	82
25) 2-Butanone	4.574	43	2810	3.893	ug/l	94
26) 2,2-Dichloropropane	4.471	77	1088	0.778	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	968	0.896	ug/l	84
28) Bromochloromethane	4.897	49	634	1.002	ug/l #	99
29) Tetrahydrofuran	5.025	42	1635	3.473	ug/l	95
30) Chloroform	5.099	83	1728	0.995	ug/l #	82
32) 1,1,1-Trichloroethane	5.379	97	1287	0.816	ug/l #	44
36) 1,1-Dichloropropene	5.708	75	1161	0.941	ug/l	97
37) Ethyl Acetate	4.733	43	1220	0.829	ug/l #	75
38) Carbon Tetrachloride	5.678	117	1182	0.865	ug/l #	62
39) Methylcyclohexane	7.379	83	1320	0.870	ug/l #	74
40) Benzene	6.050	78	3658	0.994	ug/l	91
41) Methacrylonitrile	4.922	41	602m	0.822	ug/l	
42) 1,2-Dichloroethane	6.086	62	1289	0.950	ug/l	84
43) Isopropyl Acetate	6.348	43	1681	0.743	ug/l #	90
44) Trichloroethene	7.123	130	1014	0.972	ug/l	90
45) 1,2-Dichloropropane	7.434	63	843	0.911	ug/l #	81

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	704	0.989	ug/l	87
47) Bromodichloromethane	7.830	83	1079	0.806	ug/l #	84
48) Methyl methacrylate	7.690	41	695	0.673	ug/l	85
49) 1,4-Dioxane	7.714	88	269m	11.401	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	4854	3.337	ug/l	97
52) Toluene	8.726	92	2114	0.881	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	898	0.648	ug/l #	86
54) cis-1,3-Dichloropropene	8.372	75	1031	0.681	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	956	0.967	ug/l	92
56) Ethyl methacrylate	9.116	69	1124	0.799	ug/l	98
57) 1,3-Dichloropropane	9.311	76	1570	0.968	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.244	63	2644	4.863	ug/l	91
59) 2-Hexanone	9.433	43	3627	3.320	ug/l	92
60) Dibromochloromethane	9.525	129	826	0.787	ug/l	87
61) 1,2-Dibromoethane	9.610	107	824	0.773	ug/l	97
64) Tetrachloroethene	9.281	164	1052	1.073	ug/l #	78
65) Chlorobenzene	10.073	112	2264	0.899	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	10.159	131	793	0.873	ug/l #	62
67) Ethyl Benzene	10.195	91	4004	0.901	ug/l #	83
68) m/p-Xylenes	10.299	106	2846	1.593	ug/l	90
69) o-Xylene	10.646	106	1461	0.857	ug/l	96
70) Styrene	10.659	104	2149	0.765	ug/l	96
71) Bromoform	10.805	173	482	0.663	ug/l #	98
73) Isopropylbenzene	10.963	105	3783	0.937	ug/l	96
74) N-amyl acetate	10.841	43	1079	0.660	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	1247	0.916	ug/l	94
76) 1,2,3-Trichloropropane	11.238	75	1207m	1.001	ug/l	
77) Bromobenzene	11.201	156	1049	1.055	ug/l	81
78) n-propylbenzene	11.305	91	3783	0.815	ug/l	96
79) 2-Chlorotoluene	11.366	91	2730	0.988	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	2926	0.854	ug/l	100
82) 4-Chlorotoluene	11.457	91	2872	0.885	ug/l	89
83) tert-Butylbenzene	11.713	119	2703	0.814	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	2899	0.859	ug/l	90
85) sec-Butylbenzene	11.890	105	3702	0.881	ug/l	93
86) p-Isopropyltoluene	12.012	119	3030	0.854	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	1874	0.983	ug/l	96
88) 1,4-Dichlorobenzene	12.036	146	2043m	1.027	ug/l	
89) n-Butylbenzene	12.335	91	2437	0.806	ug/l	96
90) Hexachloroethane	12.542	117	568	0.932	ug/l	81
91) 1,2-Dichlorobenzene	12.341	146	1755	0.914	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.939	75	228	0.822	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	1076	1.017	ug/l	91
94) Hexachlorobutadiene	13.725	225	459	1.086	ug/l	82
95) Naphthalene	13.780	128	3330	0.859	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	1127	1.034	ug/l	94

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

