

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027328.D
 Acq On : 08 Mar 2022 13:09
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 08 15:11:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:10:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	392578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	627065	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	559795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269127	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	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4323	1.299	ug/l	99
3) Chloromethane	1.294	50	5248	1.256	ug/l	92
4) Vinyl Chloride	1.374	62	4786	1.038	ug/l	89
6) Chloroethane	1.691	64	4213	1.130	ug/l	98
7) Trichlorofluoromethane	1.886	101	6978	1.077	ug/l	99
8) Diethyl Ether	2.130	74	2719	1.055	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	4605	1.212	ug/l	99
12) 1,1-Dichloroethene	2.319	96	4119	1.073	ug/l	95
14) Allyl chloride	2.666	41	6404	1.257	ug/l	96
15) Acrylonitrile	3.068	53	12611	6.511	ug/l	96
16) Acetone	2.379	43	13626	7.589	ug/l	94
17) Carbon Disulfide	2.508	76	12829	1.280	ug/l	97
18) Methyl Acetate	2.709	43	5692	1.409	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	13776	1.293	ug/l	91
20) Methylene Chloride	2.788	84	5494	1.262	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	5073	1.292	ug/l	92
22) Diisopropyl ether	3.763	45	12577	1.238	ug/l #	78
23) Vinyl Acetate	3.727	43	50599	6.163	ug/l	96
24) 1,1-Dichloroethane	3.611	63	8148	1.213	ug/l	97
25) 2-Butanone	4.568	43	17611	7.289	ug/l	91
26) 2,2-Dichloropropane	4.471	77	5751	1.082	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	5681	1.288	ug/l	93
28) Bromochloromethane	4.897	49	3377	1.224	ug/l #	98
29) Tetrahydrofuran	5.013	42	11361	7.571	ug/l	90
30) Chloroform	5.086	83	8490	1.165	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	7257	1.196	ug/l #	50
36) 1,1-Dichloropropene	5.696	75	6480	1.247	ug/l	98
37) Ethyl Acetate	4.721	43	6592	1.410	ug/l #	92
38) Carbon Tetrachloride	5.684	117	6334	1.121	ug/l #	93
39) Methylcyclohexane	7.379	83	7806	1.333	ug/l	97
40) Benzene	6.037	78	19626	1.258	ug/l	96
41) Methacrylonitrile	4.934	41	3340m	1.319	ug/l	
42) 1,2-Dichloroethane	6.092	62	5951	1.107	ug/l	100
43) Isopropyl Acetate	6.342	43	9343	1.308	ug/l	96
44) Trichloroethene	7.135	130	5312	1.225	ug/l	80
45) 1,2-Dichloropropane	7.433	63	4644	1.140	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	3221	1.158	ug/l	97
47) Bromodichloromethane	7.824	83	5774	1.032	ug/l #	94
48) Methyl methacrylate	7.696	41	4510	1.304	ug/l	93
49) 1,4-Dioxane	7.665	88	2422	26.306	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	31017	6.956	ug/l	95
52) Toluene	8.720	92	11456	1.205	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	5319	0.990	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	6530	1.070	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	4963	1.204	ug/l	98
56) Ethyl methacrylate	9.122	69	6428	1.272	ug/l	90
57) 1,3-Dichloropropane	9.311	76	7828	1.155	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	15435	5.441	ug/l	96
59) 2-Hexanone	9.433	43	23555	7.084	ug/l	92
60) Dibromochloromethane	9.518	129	4696	1.056	ug/l	96
61) 1,2-Dibromoethane	9.610	107	4652	1.108	ug/l	92
64) Tetrachloroethene	9.275	164	4689	1.311	ug/l	90
65) Chlorobenzene	10.079	112	13187	1.288	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	4304	1.124	ug/l #	64
67) Ethyl Benzene	10.195	91	22010	1.325	ug/l	95
68) m/p-Xylenes	10.305	106	16931	2.695	ug/l	96
69) o-Xylene	10.640	106	8165	1.369	ug/l	94
70) Styrene	10.658	104	13272	1.339	ug/l	99
71) Bromoform	10.805	173	3326	1.087	ug/l #	99
73) Isopropylbenzene	10.963	105	20850	1.385	ug/l	98
74) N-amyl acetate	10.847	43	7059	1.342	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	7921	1.374	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	6398m	1.284	ug/l	
77) Bromobenzene	11.201	156	5412	1.319	ug/l	95
78) n-propylbenzene	11.305	91	22657	1.330	ug/l	96
79) 2-Chlorotoluene	11.366	91	15447	1.449	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	17997	1.449	ug/l	100
82) 4-Chlorotoluene	11.457	91	16846	1.379	ug/l	99
83) tert-Butylbenzene	11.719	119	18021	1.428	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	17303	1.391	ug/l	100
85) sec-Butylbenzene	11.890	105	20429	1.416	ug/l	99
86) p-Isopropyltoluene	12.012	119	17197	1.317	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	10426	1.388	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	11128m	1.431	ug/l	
89) n-Butylbenzene	12.335	91	14413	1.271	ug/l	94
90) Hexachloroethane	12.542	117	2755	1.061	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	10498	1.373	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1396	1.226	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	6510	1.459	ug/l	99
94) Hexachlorobutadiene	13.725	225	2953	1.379	ug/l	97
95) Naphthalene	13.780	128	19696	1.442	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	6275	1.364	ug/l	93

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

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