

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031643.D
 Acq On : 26 Sep 2022 11:15
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: Sep 26 12:05:12 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	49961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	77815	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	11376	10.441	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.880%#		
35) Dibromofluoromethane	5.391	113	9931	10.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	21.560%#		
50) Toluene-d8	8.647	98	34026	10.975	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	21.960%#		
62) 4-Bromofluorobenzene	11.079	95	11471	10.923	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	21.840%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6986	9.725	ug/l	96
3) Chloromethane	1.288	50	6857	7.195	ug/l	96
4) Vinyl Chloride	1.368	62	8830	8.126	ug/l	97
5) Bromomethane	1.611	94	10402	6.723	ug/l	100
6) Chloroethane	1.685	64	10013	8.539	ug/l	91
7) Trichlorofluoromethane	1.886	101	24437	9.914	ug/l	99
8) Diethyl Ether	2.130	74	7522	8.861	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	6742	8.381	ug/l #	88
10) Methyl Iodide	2.453	142	6209	7.977	ug/l	99
11) Tert butyl alcohol	2.995	59	9470m	38.007	ug/l	
12) 1,1-Dichloroethene	2.319	96	5853	7.526	ug/l	91
13) Acrolein	2.239	56	3699	32.597	ug/l	87
14) Allyl chloride	2.666	41	8546	6.739	ug/l #	89
15) Acrylonitrile	3.069	53	18911	39.221	ug/l	99
16) Acetone	2.392	43	15861	36.252	ug/l	96
17) Carbon Disulfide	2.508	76	12131	5.790	ug/l	100
18) Methyl Acetate	2.709	43	9839	7.186	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	23164	8.236	ug/l	97
20) Methylene Chloride	2.788	84	7626	7.637	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	6854	7.805	ug/l	96
22) Diisopropyl ether	3.757	45	22023	8.019	ug/l #	74
23) Vinyl Acetate	3.721	43	87456	37.238	ug/l	97
24) 1,1-Dichloroethane	3.611	63	12980	8.364	ug/l	98
25) 2-Butanone	4.568	43	25787	36.454	ug/l	93
26) 2,2-Dichloropropane	4.477	77	9812	7.157	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	8791	8.306	ug/l	91
28) Bromochloromethane	4.897	49	6321	10.195	ug/l #	80
29) Tetrahydrofuran	5.013	42	16514	35.798	ug/l	94
30) Chloroform	5.093	83	15258	8.964	ug/l	97
31) Cyclohexane	5.471	56	9747	7.172	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	12593	8.145	ug/l	99
36) 1,1-Dichloropropene	5.690	75	9812	7.933	ug/l	96
37) Ethyl Acetate	4.721	43	10205	6.916	ug/l	100
38) Carbon Tetrachloride	5.678	117	10813	7.887	ug/l	92
39) Methylcyclohexane	7.379	83	10931	7.183	ug/l	92
40) Benzene	6.038	78	30288	8.208	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	5164	7.029	ug/l	94
42) 1,2-Dichloroethane	6.086	62	11536	8.482	ug/l	99
43) Isopropyl Acetate	6.348	43	16051	7.077	ug/l	99
44) Trichloroethene	7.129	130	8540	8.162	ug/l	94
45) 1,2-Dichloropropane	7.428	63	7628	8.224	ug/l	93
46) Dibromomethane	7.586	93	5925	8.298	ug/l	93
47) Bromodichloromethane	7.824	83	10977	8.177	ug/l	99
48) Methyl methacrylate	7.696	41	6985	6.742	ug/l	85
49) 1,4-Dioxane	7.702	88	4207	177.796	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	52906	36.269	ug/l	99
52) Toluene	8.720	92	19929	8.281	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	9519	6.852	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	10944	7.203	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	8592	8.664	ug/l	95
56) Ethyl methacrylate	9.116	69	10800	7.657	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	14050	8.634	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	29181	53.516	ug/l	96
59) 2-Hexanone	9.433	43	38577	35.213	ug/l	99
60) Dibromochloromethane	9.519	129	8291	7.873	ug/l	99
61) 1,2-Dibromoethane	9.610	107	8738	8.179	ug/l	99
64) Tetrachloroethene	9.275	164	8359	8.040	ug/l	91
65) Chlorobenzene	10.079	112	22684	8.499	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	8019	8.327	ug/l	98
67) Ethyl Benzene	10.195	91	37480	7.953	ug/l	100
68) m/p-Xylenes	10.299	106	30159	15.924	ug/l	97
69) o-Xylene	10.640	106	14688	8.125	ug/l	96
70) Styrene	10.653	104	23701	7.963	ug/l	98
71) Bromoform	10.799	173	5300	6.878	ug/l #	99
73) Isopropylbenzene	10.963	105	38880	8.306	ug/l	98
74) N-amyl acetate	10.848	43	13070	6.888	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	12800	8.111	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	11250m	8.041	ug/l	
77) Bromobenzene	11.201	156	9620	8.338	ug/l	95
78) n-propylbenzene	11.305	91	43303	8.040	ug/l	100
79) 2-Chlorotoluene	11.366	91	25985	8.106	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	32173	8.098	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2421	5.572	ug/l #	75
82) 4-Chlorotoluene	11.457	91	29526	7.848	ug/l	97
83) tert-Butylbenzene	11.713	119	31817	8.263	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	31733	8.111	ug/l	96
85) sec-Butylbenzene	11.890	105	40198	8.249	ug/l	98
86) p-Isopropyltoluene	12.012	119	33433	8.125	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	18808	8.505	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	18994	8.235	ug/l	97
89) n-Butylbenzene	12.335	91	27881	7.955	ug/l	96
90) Hexachloroethane	12.536	117	5143	7.274	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	19046	8.553	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2682	8.338	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	10842	8.836	ug/l	95
94) Hexachlorobutadiene	13.725	225	4582	9.349	ug/l	97
95) Naphthalene	13.780	128	37989	8.453	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	11441	9.046	ug/l	97

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

