

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031305.D
 Acq On : 14 Sep 2022 13:12
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 01:26:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:23:56 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/15/2022
 Supervised By : Mahesh Dadoda 09/15/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							09/15/2022
1) Pentafluorobenzene	5.550	168	56217	50.000	ug/l	-0.03	Supervised By : Mahesh Dadoda 09/15/2022
34) 1,4-Difluorobenzene	6.763	114	95477	50.000	ug/l	0.00	Dadoda
63) Chlorobenzene-d5	10.055	117	103729	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	12.024	152	65923	50.000	ug/l	0.00	
System Monitoring Compounds							09/15/2022
33) 1,2-Dichloroethane-d4	5.958	65	12823	9.293	ug/l	0.00	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	18.580%#	
35) Dibromofluoromethane	5.385	113	9467	9.224	ug/l	0.00	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	18.440%#	
50) Toluene-d8	8.653	98	33794	8.778	ug/l	0.00	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	17.560%#	
62) 4-Bromofluorobenzene	11.085	95	12184	8.642	ug/l	0.00	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	17.280%#	
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	6257	10.308	ug/l	96	
3) Chloromethane	1.288	50	8787	9.461	ug/l	100	
4) Vinyl Chloride	1.374	62	10054	10.236	ug/l	95	
5) Bromomethane	1.611	94	7980	10.834	ug/l	96	
6) Chloroethane	1.685	64	7680	9.238	ug/l	94	
7) Trichlorofluoromethane	1.886	101	18488	10.268	ug/l	100	
8) Diethyl Ether	2.136	74	7915	10.116	ug/l	95	
9) 1,1,2-Trichlorotrifluo...	2.331	101	8718	10.239	ug/l	99	
10) Methyl Iodide	2.453	142	7446	9.022	ug/l	99	
11) Tert butyl alcohol	2.989	59	20510	61.987	ug/l	99	
12) 1,1-Dichloroethene	2.319	96	7738	9.859	ug/l	97	
13) Acrolein	2.239	56	7873	49.443	ug/l	94	
14) Allyl chloride	2.666	41	17335	9.998	ug/l	97	
15) Acrylonitrile	3.068	53	33441	52.545	ug/l	99	
16) Acetone	2.392	43	30091	51.082	ug/l	99	
17) Carbon Disulfide	2.508	76	15013	8.752	ug/l #	94	
18) Methyl Acetate	2.703	43	18632	10.666	ug/l	98	
19) Methyl tert-butyl Ether	3.117	73	35757	9.838	ug/l	96	
20) Methylene Chloride	2.788	84	10491	9.273	ug/l	92	
21) trans-1,2-Dichloroethene	3.087	96	9505	9.703	ug/l	94	
22) Diisopropyl ether	3.763	45	38067	10.492	ug/l	93	
23) Vinyl Acetate	3.727	43	157688	52.294	ug/l	98	
24) 1,1-Dichloroethane	3.611	63	19685	10.338	ug/l	96	
25) 2-Butanone	4.568	43	51008	52.496	ug/l	97	
26) 2,2-Dichloropropane	4.477	77	18602	10.297	ug/l	99	
27) cis-1,2-Dichloroethene	4.489	96	11823	10.252	ug/l	97	
28) Bromochloromethane	4.903	49	8844	9.964	ug/l #	90	
29) Tetrahydrofuran	5.019	42	30516	50.699	ug/l	99	
30) Chloroform	5.092	83	20559	10.196	ug/l	98	
31) Cyclohexane	5.464	56	14518	9.793	ug/l	89	
32) 1,1,1-Trichloroethane	5.385	97	18409	10.189	ug/l	99	
36) 1,1-Dichloropropene	5.696	75	13415	9.550	ug/l	97	
37) Ethyl Acetate	4.721	43	18652	10.104	ug/l	100	
38) Carbon Tetrachloride	5.678	117	14668	9.606	ug/l	97	
39) Methylcyclohexane	7.379	83	14485	9.363	ug/l	97	
40) Benzene	6.037	78	39790	9.864	ug/l	95	

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41) Methacrylonitrile	4.928	41	9933	9.933	ug/l	98
42) 1,2-Dichloroethane	6.092	62	16571	10.184	ug/l	99
43) Isopropyl Acetate	6.342	43	32520	10.320	ug/l	98
44) Trichloroethene	7.123	130	9831	9.559	ug/l	95
45) 1,2-Dichloropropane	7.433	63	11264	10.200	ug/l	89
46) Dibromomethane	7.586	93	7855	10.030	ug/l	97
47) Bromodichloromethane	7.824	83	16265	9.985	ug/l	99
48) Methyl methacrylate	7.696	41	14247	9.932	ug/l	95
49) 1,4-Dioxane	7.690	88	6149	234.604	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	100630	52.539	ug/l	99
52) Toluene	8.720	92	24971	9.786	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	18469	10.075	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	18498	9.819	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	11504	10.213	ug/l	96
56) Ethyl methacrylate	9.116	69	18562	10.179	ug/l	96
57) 1,3-Dichloropropane	9.311	76	19749	10.203	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	43210	50.858	ug/l	94
59) 2-Hexanone	9.433	43	76788	52.529	ug/l	99
60) Dibromochloromethane	9.525	129	11778	9.699	ug/l	99
61) 1,2-Dibromoethane	9.610	107	11293	9.770	ug/l	97
64) Tetrachloroethene	9.275	164	9082	9.576	ug/l	97
65) Chlorobenzene	10.079	112	26837	9.769	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	10841	10.016	ug/l	96
67) Ethyl Benzene	10.195	91	50773	10.204	ug/l	99
68) m/p-Xylenes	10.305	106	38150	20.191	ug/l	96
69) o-Xylene	10.640	106	18816	9.805	ug/l	96
70) Styrene	10.659	104	30533	9.784	ug/l	97
71) Bromoform	10.799	173	8333	9.670	ug/l #	98
73) Isopropylbenzene	10.963	105	48996	10.063	ug/l	99
74) N-amyl acetate	10.841	43	25657	10.599	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	18676	10.673	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	18386m	10.139	ug/l	
77) Bromobenzene	11.201	156	10753	9.685	ug/l	85
78) n-propylbenzene	11.305	91	58060	10.160	ug/l	95
79) 2-Chlorotoluene	11.366	91	35127	10.046	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	41785	10.243	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	6220	10.360	ug/l	92
82) 4-Chlorotoluene	11.457	91	40966	10.222	ug/l	96
83) tert-Butylbenzene	11.713	119	41149	10.082	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	40740	10.048	ug/l	97
85) sec-Butylbenzene	11.890	105	51251	10.028	ug/l	99
86) p-Isopropyltoluene	12.012	119	41557	9.979	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	20937	9.891	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	21944	10.087	ug/l	97
89) n-Butylbenzene	12.335	91	36867	9.983	ug/l	98
90) Hexachloroethane	12.536	117	8351	10.041	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	21565	10.007	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4571	9.880	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	11129	9.537	ug/l	97
94) Hexachlorobutadiene	13.725	225	4416	9.695	ug/l	94
95) Naphthalene	13.774	128	46373	9.781	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	11671	9.340	ug/l	99

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

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