

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
 Data File : VX030364.D
 Acq On : 03 Aug 2022 12:37
 Operator : JC/MD
 Sample : VX0803WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBS01

Quant Time: Aug 03 15:52:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2022
 Supervised By : Mahesh Dadoda 08/04/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	104110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	118924	56.832	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.660%			
35) Dibromofluoromethane	5.391	113	91828	52.851	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.700%			
50) Toluene-d8	8.653	98	323782	48.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.240%			
62) 4-Bromofluorobenzene	11.085	95	122961	49.240	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32026	18.747	ug/l	97
3) Chloromethane	1.288	50	26366	15.607	ug/l	97
4) Vinyl Chloride	1.373	62	29979	17.582	ug/l	96
5) Bromomethane	1.605	94	14301	20.518	ug/l	92
6) Chloroethane	1.684	64	18143	18.532	ug/l	100
7) Trichlorofluoromethane	1.886	101	48040	21.385	ug/l	94
8) Diethyl Ether	2.135	74	17938	20.392	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	29883	17.960	ug/l	98
10) Methyl Iodide	2.453	142	19427	13.140	ug/l	91
11) Tert butyl alcohol	2.977	59	61159	119.818	ug/l	99
12) 1,1-Dichloroethene	2.318	96	28652	17.617	ug/l	88
13) Acrolein	2.245	56	5313	42.349	ug/l	96
14) Allyl chloride	2.666	41	58479	17.425	ug/l	93
15) Acrylonitrile	3.068	53	111295	88.232	ug/l	96
16) Acetone	2.385	43	104508	97.550	ug/l	91
17) Carbon Disulfide	2.507	76	63921	14.560	ug/l	96
18) Methyl Acetate	2.709	43	59785	18.867	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	110702	19.871	ug/l	92
20) Methylene Chloride	2.788	84	35355	17.611	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	29792	16.596	ug/l	81
22) Diisopropyl ether	3.769	45	118494	18.661	ug/l	89
23) Vinyl Acetate	3.727	43	523164	94.980	ug/l	98
24) 1,1-Dichloroethane	3.611	63	61966	18.365	ug/l	98
25) 2-Butanone	4.568	43	168819	93.773	ug/l	92
26) 2,2-Dichloropropane	4.477	77	53037	21.738	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	36714	17.392	ug/l	89
28) Bromochloromethane	4.903	49	27476	19.275	ug/l	95
29) Tetrahydrofuran	5.013	42	108126	89.264	ug/l	94
30) Chloroform	5.098	83	66192	19.813	ug/l	98
31) Cyclohexane	5.476	56	49229	16.203	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	56630	20.854	ug/l	98
36) 1,1-Dichloropropene	5.696	75	43061	17.221	ug/l	95
37) Ethyl Acetate	4.726	43	61525	17.375	ug/l	98
38) Carbon Tetrachloride	5.684	117	47026	20.146	ug/l	98
39) Methylcyclohexane	7.385	83	50213	15.558	ug/l	95
40) Benzene	6.037	78	133435	16.961	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	34146	17.990	ug/l	94
42) 1,2-Dichloroethane	6.098	62	54291	19.971	ug/l	94
43) Isopropyl Acetate	6.348	43	99296	19.129	ug/l	96
44) Trichloroethene	7.128	130	36879	17.156	ug/l	93
45) 1,2-Dichloropropane	7.433	63	35271	16.809	ug/l	99
46) Dibromomethane	7.586	93	25352	17.767	ug/l	95
47) Bromodichloromethane	7.823	83	52543	20.255	ug/l	97
48) Methyl methacrylate	7.695	41	49090	19.214	ug/l	91
49) 1,4-Dioxane	7.671	88	20239	342.973	ug/l #	95
51) 4-Methyl-2-Pentanone	8.579	43	329844	93.600	ug/l	97
52) Toluene	8.720	92	82291	17.145	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	53852	19.259	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	57450	18.854	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	36316	17.770	ug/l	98
56) Ethyl methacrylate	9.122	69	57781	17.885	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	60834	18.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	159771	99.648	ug/l	99
59) 2-Hexanone	9.433	43	258771	93.076	ug/l	93
60) Dibromochloromethane	9.524	129	38215	20.200	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38253	17.926	ug/l	97
64) Tetrachloroethene	9.274	164	34993	17.881	ug/l	98
65) Chlorobenzene	10.079	112	90666	18.361	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	33213	19.786	ug/l	99
67) Ethyl Benzene	10.195	91	163777	21.925	ug/l	97
68) m/p-Xylenes	10.305	106	119669	35.775	ug/l	88
69) o-Xylene	10.646	106	59437	18.028	ug/l	89
70) Styrene	10.658	104	100625	18.577	ug/l	95
71) Bromoform	10.799	173	25716	20.839	ug/l #	95
73) Isopropylbenzene	10.963	105	159418	17.521	ug/l	98
74) N-amyl acetate	10.847	43	82751	18.713	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	56008	16.818	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	54405m	17.709	ug/l	
77) Bromobenzene	11.201	156	36908	17.282	ug/l	95
78) n-propylbenzene	11.305	91	192165	17.695	ug/l	98
79) 2-Chlorotoluene	11.366	91	115755	16.879	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	136645	17.935	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	18288	17.857	ug/l	86
82) 4-Chlorotoluene	11.457	91	132016	17.619	ug/l	95
83) tert-Butylbenzene	11.719	119	128368	18.178	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	135292	17.799	ug/l	97
85) sec-Butylbenzene	11.890	105	170317	17.621	ug/l	99
86) p-Isopropyltoluene	12.012	119	147017	19.012	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	69098	16.637	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	69471	16.431	ug/l	95
89) n-Butylbenzene	12.335	91	138435	19.229	ug/l	98
90) Hexachloroethane	12.542	117	26129	19.625	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	75890	18.616	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16608	20.792	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	43769	18.514	ug/l	98
94) Hexachlorobutadiene	13.725	225	18002	18.964	ug/l	99
95) Naphthalene	13.774	128	180178	19.511	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	47273	19.498	ug/l	99

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

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