

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030842.D
 Acq On : 27 Aug 2022 02:26
 Operator : JC/MD
 Sample : VX0826WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBS02

Quant Time: Aug 27 06:29:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 08/29/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	232837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	396959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	138761	50.665	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.340%			
35) Dibromofluoromethane	5.391	113	116627	47.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.600%			
50) Toluene-d8	8.647	98	414101	48.710	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.420%			
62) 4-Bromofluorobenzene	11.079	95	157329	49.708	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42128	19.524	ug/l	98
3) Chloromethane	1.288	50	38048	21.043	ug/l	98
4) Vinyl Chloride	1.374	62	45001	21.019	ug/l	98
5) Bromomethane	1.611	94	25633	23.627	ug/l	97
6) Chloroethane	1.685	64	29044	23.036	ug/l	92
7) Trichlorofluoromethane	1.886	101	71734	20.127	ug/l	94
8) Diethyl Ether	2.136	74	29900	22.171	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	44860	19.784	ug/l	98
10) Methyl Iodide	2.453	142	29253	18.221	ug/l	92
11) Tert butyl alcohol	2.983	59	63482	106.775	ug/l	98
12) 1,1-Dichloroethene	2.319	96	38556	18.268	ug/l	90
13) Acrolein	2.239	56	44301	90.857	ug/l	96
14) Allyl chloride	2.660	41	73531	18.828	ug/l	97
15) Acrylonitrile	3.069	53	152942	104.924	ug/l	97
16) Acetone	2.386	43	135590	107.133	ug/l	96
17) Carbon Disulfide	2.508	76	78196	18.405	ug/l	98
18) Methyl Acetate	2.703	43	85292	21.927	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	153080	20.945	ug/l	96
20) Methylene Chloride	2.788	84	51215	21.613	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	42665	18.818	ug/l	99
22) Diisopropyl ether	3.764	45	168466	21.476	ug/l	88
23) Vinyl Acetate	3.721	43	649452	103.225	ug/l	98
24) 1,1-Dichloroethane	3.611	63	89308	20.086	ug/l	99
25) 2-Butanone	4.562	43	216898	106.389	ug/l	97
26) 2,2-Dichloropropane	4.477	77	34122	10.594	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	53395	19.063	ug/l	99
28) Bromochloromethane	4.897	49	39379	20.585	ug/l	100
29) Tetrahydrofuran	5.013	42	139023	104.481	ug/l	98
30) Chloroform	5.093	83	96108	20.537	ug/l	99
31) Cyclohexane	5.471	56	66756	19.062	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	78760	20.816	ug/l	100
36) 1,1-Dichloropropene	5.690	75	60714	18.276	ug/l	96
37) Ethyl Acetate	4.721	43	79598	20.229	ug/l	97
38) Carbon Tetrachloride	5.672	117	65392	18.661	ug/l	93
39) Methylcyclohexane	7.385	83	70057	17.620	ug/l	99
40) Benzene	6.038	78	193339	19.452	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44432	20.208	ug/l	97
42) 1,2-Dichloroethane	6.086	62	72501	20.558	ug/l	98
43) Isopropyl Acetate	6.342	43	121541	20.507	ug/l	99
44) Trichloroethene	7.123	130	52736	18.365	ug/l	99
45) 1,2-Dichloropropane	7.434	63	55038	20.017	ug/l	97
46) Dibromomethane	7.580	93	36681	18.779	ug/l	98
47) Bromodichloromethane	7.824	83	74458	20.243	ug/l	93
48) Methyl methacrylate	7.696	41	60635	20.523	ug/l	99
49) 1,4-Dioxane	7.677	88	29725	407.552	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	429976	107.558	ug/l	99
52) Toluene	8.720	92	121652	19.609	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	65113	18.321	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	73312	18.319	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	56219	20.391	ug/l	98
56) Ethyl methacrylate	9.116	69	80356	20.324	ug/l	98
57) 1,3-Dichloropropane	9.311	76	89191	20.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	216758	102.514	ug/l	99
59) 2-Hexanone	9.433	43	329550	109.881	ug/l	98
60) Dibromochloromethane	9.519	129	57605	20.037	ug/l	100
61) 1,2-Dibromoethane	9.610	107	55455	19.836	ug/l	99
64) Tetrachloroethene	9.275	164	53277	18.570	ug/l	96
65) Chlorobenzene	10.079	112	135066	19.171	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	52356	19.803	ug/l	98
67) Ethyl Benzene	10.195	91	235547	19.351	ug/l	99
68) m/p-Xylenes	10.305	106	181719	38.965	ug/l	96
69) o-Xylene	10.640	106	90565	19.625	ug/l	96
70) Styrene	10.659	104	155904	20.357	ug/l	99
71) Bromoform	10.799	173	41414	18.958	ug/l #	98
73) Isopropylbenzene	10.963	105	242148	19.778	ug/l	99
74) N-amyl acetate	10.842	43	100715	21.119	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	83651	19.974	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79030m	19.746	ug/l	
77) Bromobenzene	11.201	156	57950	19.211	ug/l	99
78) n-propylbenzene	11.305	91	280752	19.939	ug/l	99
79) 2-Chlorotoluene	11.366	91	168759	19.566	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	204160	19.924	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19674	15.860	ug/l	91
82) 4-Chlorotoluene	11.457	91	193807	20.046	ug/l	99
83) tert-Butylbenzene	11.713	119	195886	19.863	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	204645	20.622	ug/l	97
85) sec-Butylbenzene	11.890	105	258501	20.115	ug/l	99
86) p-Isopropyltoluene	12.012	119	209365	19.811	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	111827	19.652	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	114500	19.607	ug/l	98
89) n-Butylbenzene	12.335	91	181664	18.569	ug/l	100
90) Hexachloroethane	12.542	117	36187	17.661	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	113672	18.976	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20359	18.887	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	70436	18.806	ug/l	97
94) Hexachlorobutadiene	13.725	225	28806	18.465	ug/l	97
95) Naphthalene	13.780	128	252873	19.394	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74269	18.754	ug/l	97

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

