

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030158.D
 Acq On : 21 Jul 2022 13:24
 Operator : JC/MD
 Sample : VX0721WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBS02

Quant Time: Jul 21 15:53:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	191859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	335461	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134303	57.511	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.020%			
35) Dibromofluoromethane	5.385	113	110346	51.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.980%			
50) Toluene-d8	8.653	98	423123	52.497	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.000%			
62) 4-Bromofluorobenzene	11.085	95	154150	55.112	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44778	19.955	ug/l	99
3) Chloromethane	1.288	50	40179	20.097	ug/l	98
4) Vinyl Chloride	1.368	62	42477	19.128	ug/l	99
5) Bromomethane	1.599	94	19353	20.516	ug/l	94
6) Chloroethane	1.679	64	25027	20.013	ug/l	100
7) Trichlorofluoromethane	1.880	101	58239	20.307	ug/l	93
8) Diethyl Ether	2.136	74	23500	19.807	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	42446	21.680	ug/l	97
10) Methyl Iodide	2.447	142	33119	18.808	ug/l	98
11) Tert butyl alcohol	2.977	59	66568	110.448	ug/l	97
12) 1,1-Dichloroethene	2.319	96	41545	21.253	ug/l	99
13) Acrolein	2.239	56	6010	50.068	ug/l	96
14) Allyl chloride	2.660	41	79882	23.385	ug/l	97
15) Acrylonitrile	3.069	53	167507	122.288	ug/l	99
16) Acetone	2.386	43	137777	125.207	ug/l	99
17) Carbon Disulfide	2.508	76	97402	17.562	ug/l	98
18) Methyl Acetate	2.709	43	84305	25.184	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	141851	22.958	ug/l	97
20) Methylene Chloride	2.788	84	50863	21.798	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	44681	21.929	ug/l	99
22) Diisopropyl ether	3.764	45	161672	24.179	ug/l	97
23) Vinyl Acetate	3.727	43	701675	123.959	ug/l	99
24) 1,1-Dichloroethane	3.611	63	85440	23.059	ug/l	98
25) 2-Butanone	4.562	43	237079	126.479	ug/l	97
26) 2,2-Dichloropropane	4.471	77	59756	22.958	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	53543	21.459	ug/l	95
28) Bromochloromethane	4.904	49	33443	21.455	ug/l	96
29) Tetrahydrofuran	5.019	42	157436	123.761	ug/l	95
30) Chloroform	5.099	83	84874	22.986	ug/l	94
31) Cyclohexane	5.471	56	76027	22.458	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	68055	22.550	ug/l	99
36) 1,1-Dichloropropene	5.696	75	62208	22.473	ug/l	96
37) Ethyl Acetate	4.721	43	86345	24.275	ug/l	99
38) Carbon Tetrachloride	5.678	117	57440	22.252	ug/l	95
39) Methylcyclohexane	7.379	83	77111	21.974	ug/l	92
40) Benzene	6.037	78	191953	22.032	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47353	24.724	ug/l	97
42) 1,2-Dichloroethane	6.086	62	66188	24.512	ug/l	95
43) Isopropyl Acetate	6.348	43	125919	23.542	ug/l	98
44) Trichloroethene	7.129	130	50481	19.828	ug/l	99
45) 1,2-Dichloropropane	7.434	63	50764	22.416	ug/l	98
46) Dibromomethane	7.586	93	34094	21.873	ug/l	98
47) Bromodichloromethane	7.824	83	63378	22.409	ug/l	94
48) Methyl methacrylate	7.696	41	63366	25.676	ug/l	95
49) 1,4-Dioxane	7.665	88	31484	491.024	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	446276	126.087	ug/l	97
52) Toluene	8.720	92	120452	21.771	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	65126	22.168	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	73636	21.879	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	50800	22.266	ug/l	94
56) Ethyl methacrylate	9.122	69	78076	22.761	ug/l	94
57) 1,3-Dichloropropane	9.311	76	83017	22.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	213554	114.650	ug/l	97
59) 2-Hexanone	9.433	43	349329	128.702	ug/l	97
60) Dibromochloromethane	9.525	129	45848	20.627	ug/l	99
61) 1,2-Dibromoethane	9.610	107	50724	21.362	ug/l	100
64) Tetrachloroethene	9.275	164	49225	20.302	ug/l	99
65) Chlorobenzene	10.079	112	128041	21.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43875	21.398	ug/l	99
67) Ethyl Benzene	10.195	91	225658	22.137	ug/l	100
68) m/p-Xylenes	10.305	106	176263	44.087	ug/l	98
69) o-Xylene	10.646	106	86656	21.646	ug/l	96
70) Styrene	10.659	104	144160	21.696	ug/l	98
71) Bromoform	10.805	173	30545	18.542	ug/l #	95
73) Isopropylbenzene	10.963	105	226066	22.004	ug/l	99
74) N-amyl acetate	10.848	43	104586	23.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	78698	21.232	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	76294m	22.489	ug/l	
77) Bromobenzene	11.201	156	51599	20.073	ug/l	95
78) n-propylbenzene	11.305	91	270156	22.165	ug/l	98
79) 2-Chlorotoluene	11.366	91	159681	21.873	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	185829	21.466	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	23235	19.766	ug/l	93
82) 4-Chlorotoluene	11.457	91	181255	22.160	ug/l	97
83) tert-Butylbenzene	11.719	119	177153	21.339	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	186791	21.814	ug/l	100
85) sec-Butylbenzene	11.890	105	241031	21.961	ug/l	100
86) p-Isopropyltoluene	12.012	119	193508	21.977	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	98630	20.766	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	98954	20.302	ug/l	99
89) n-Butylbenzene	12.335	91	178263	22.596	ug/l	100
90) Hexachloroethane	12.542	117	30994	20.591	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	101312	20.996	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18153	21.449	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	58891	19.870	ug/l	99
94) Hexachlorobutadiene	13.725	225	23337	19.722	ug/l	98
95) Naphthalene	13.780	128	235963	20.058	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62589	20.755	ug/l	99

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

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