

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030199.D
 Acq On : 25 Jul 2022 18:25
 Operator : JC/MD
 Sample : VX0725WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS02

Quant Time: Jul 26 01:37:58 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 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	144200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152459	52.602	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.200%			
35) Dibromofluoromethane	5.391	113	124597	51.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.560%			
50) Toluene-d8	8.653	98	487499	52.314	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.620%			
62) 4-Bromofluorobenzene	11.085	95	177395	51.293	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51718	21.857	ug/l	98
3) Chloromethane	1.288	50	47468	20.287	ug/l	97
4) Vinyl Chloride	1.374	62	46759	19.799	ug/l	98
5) Bromomethane	1.599	94	26138	29.155	ug/l	99
6) Chloroethane	1.678	64	27410	20.214	ug/l	94
7) Trichlorofluoromethane	1.886	101	65767	21.137	ug/l	99
8) Diethyl Ether	2.136	74	26252	21.546	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	46160	20.030	ug/l	98
10) Methyl Iodide	2.453	142	40808	19.140	ug/l	96
11) Tert butyl alcohol	2.971	59	81820	115.731	ug/l	99
12) 1,1-Dichloroethene	2.319	96	46113	20.471	ug/l	96
13) Acrolein	2.239	56	15694	90.316	ug/l	95
14) Allyl chloride	2.660	41	92345	19.866	ug/l	97
15) Acrylonitrile	3.068	53	186781	106.908	ug/l	97
16) Acetone	2.386	43	155097	104.522	ug/l	97
17) Carbon Disulfide	2.508	76	113804	18.716	ug/l	97
18) Methyl Acetate	2.709	43	90256	20.564	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	165276	21.419	ug/l	97
20) Methylene Chloride	2.788	84	57834	21.282	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	49554	19.930	ug/l	99
22) Diisopropyl ether	3.770	45	184550	20.983	ug/l	91
23) Vinyl Acetate	3.727	43	829798	108.766	ug/l	97
24) 1,1-Dichloroethane	3.611	63	93732	20.056	ug/l	99
25) 2-Butanone	4.568	43	271101	108.721	ug/l	95
26) 2,2-Dichloropropane	4.483	77	66792	19.765	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	59403	20.317	ug/l	95
28) Bromochloromethane	4.910	49	38759	19.631	ug/l	96
29) Tetrahydrofuran	5.013	42	183014	109.083	ug/l	95
30) Chloroform	5.099	83	92927	20.082	ug/l	98
31) Cyclohexane	5.470	56	84891	20.173	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	77602	20.632	ug/l	99
36) 1,1-Dichloropropene	5.696	75	67419	19.469	ug/l	96
37) Ethyl Acetate	4.721	43	97702	19.923	ug/l	97
38) Carbon Tetrachloride	5.684	117	62614	19.368	ug/l	97
39) Methylcyclohexane	7.385	83	85295	19.082	ug/l	95
40) Benzene	6.044	78	214276	19.667	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	53956	20.526	ug/l	98
42) 1,2-Dichloroethane	6.092	62	74857	19.883	ug/l	98
43) Isopropyl Acetate	6.348	43	149436	20.787	ug/l	98
44) Trichloroethene	7.129	130	55385	18.604	ug/l	92
45) 1,2-Dichloropropane	7.440	63	56151	19.323	ug/l	100
46) Dibromomethane	7.586	93	39083	19.777	ug/l	98
47) Bromodichloromethane	7.824	83	68532	19.076	ug/l	98
48) Methyl methacrylate	7.696	41	73727	20.836	ug/l	97
49) 1,4-Dioxane	7.665	88	34067	416.848	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	520059	106.559	ug/l	97
52) Toluene	8.720	92	131678	19.809	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	77165	19.926	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	83186	19.712	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	56388	19.923	ug/l	95
56) Ethyl methacrylate	9.122	69	91524	20.456	ug/l	93
57) 1,3-Dichloropropane	9.311	76	93919	20.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	223941	100.850	ug/l	98
59) 2-Hexanone	9.433	43	406723	105.631	ug/l	97
60) Dibromochloromethane	9.525	129	52120	19.893	ug/l	98
61) 1,2-Dibromoethane	9.610	107	59095	19.996	ug/l	98
64) Tetrachloroethene	9.275	164	53927	19.335	ug/l	98
65) Chlorobenzene	10.085	112	140746	20.000	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	49670	20.762	ug/l	99
67) Ethyl Benzene	10.195	91	249926	23.286	ug/l	98
68) m/p-Xylenes	10.305	106	195461	41.000	ug/l	96
69) o-Xylene	10.646	106	96405	20.518	ug/l	95
70) Styrene	10.659	104	158939	20.589	ug/l	98
71) Bromoform	10.805	173	36868	20.962	ug/l #	98
73) Isopropylbenzene	10.963	105	245136	20.116	ug/l	100
74) N-amyl acetate	10.848	43	121910	20.584	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	91597	20.536	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	85764m	20.844	ug/l	
77) Bromobenzene	11.201	156	56769	19.848	ug/l	94
78) n-propylbenzene	11.305	91	292650	20.122	ug/l	99
79) 2-Chlorotoluene	11.366	91	176042	19.167	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	206703	20.258	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28128	20.508	ug/l	96
82) 4-Chlorotoluene	11.457	91	202624	20.192	ug/l	97
83) tert-Butylbenzene	11.719	119	194356	20.550	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	212780	20.902	ug/l	96
85) sec-Butylbenzene	11.890	105	270332	20.884	ug/l	100
86) p-Isopropyltoluene	12.012	119	213024	20.569	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	108069	19.428	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	108522	19.165	ug/l	97
89) n-Butylbenzene	12.335	91	201285	20.876	ug/l	98
90) Hexachloroethane	12.542	117	36189	20.295	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	114529	20.977	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23413	21.886	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	64349	20.324	ug/l	97
94) Hexachlorobutadiene	13.725	225	24162	19.006	ug/l	97
95) Naphthalene	13.780	128	272204	22.010	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65476	20.164	ug/l	99

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

