

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029823.D
 Acq On : 27 Jun 2022 18:04
 Operator : JC/MD
 Sample : VX0627WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBS01

Quant Time: Jun 28 10:14:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 15:32:24 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	289523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	572429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	511704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	227727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	233715	52.105	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.200%			
35) Dibromofluoromethane	5.391	113	190064	51.686	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.380%			
50) Toluene-d8	8.653	98	765457	53.155	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.300%			
62) 4-Bromofluorobenzene	11.085	95	282334	53.611	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	70911	19.586	ug/l	96
3) Chloromethane	1.288	50	74560	18.497	ug/l	100
4) Vinyl Chloride	1.374	62	80894	19.040	ug/l	98
5) Bromomethane	1.612	94	20449	20.432	ug/l	89
6) Chloroethane	1.685	64	48523	20.823	ug/l	94
7) Trichlorofluoromethane	1.886	101	92311	19.091	ug/l	99
8) Diethyl Ether	2.136	74	41940	18.278	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	66340	19.336	ug/l	91
10) Methyl Iodide	2.453	142	71870	18.259	ug/l	98
11) Tert butyl alcohol	2.983	59	110433	90.018	ug/l	98
12) 1,1-Dichloroethene	2.319	96	66692	18.896	ug/l	98
13) Acrolein	2.239	56	73110	93.153	ug/l	99
14) Allyl chloride	2.666	41	120814	18.750	ug/l	93
15) Acrylonitrile	3.069	53	241491	91.470	ug/l	100
16) Acetone	2.386	43	188515	88.157	ug/l	97
17) Carbon Disulfide	2.514	76	174768	19.242	ug/l	99
18) Methyl Acetate	2.709	43	114916	17.922	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	231155	18.935	ug/l	98
20) Methylene Chloride	2.794	84	78559	17.758	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	72225	19.115	ug/l	99
22) Diisopropyl ether	3.764	45	248170	18.835	ug/l #	84
23) Vinyl Acetate	3.727	43	1068417	95.336	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	132886	18.549	ug/l	97
25) 2-Butanone	4.568	43	337205	92.860	ug/l	92
26) 2,2-Dichloropropane	4.483	77	93594	18.649	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	84641	18.338	ug/l	100
28) Bromochloromethane	4.898	49	52803	18.616	ug/l	83
29) Tetrahydrofuran	5.013	42	221690	91.571	ug/l	91
30) Chloroform	5.099	83	133338	19.136	ug/l	93
31) Cyclohexane	5.471	56	125525	18.787	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	103630	19.173	ug/l	97
36) 1,1-Dichloropropene	5.702	75	103427	19.202	ug/l	99
37) Ethyl Acetate	4.721	43	125415	18.897	ug/l	100
38) Carbon Tetrachloride	5.684	117	83502	19.111	ug/l	97
39) Methylcyclohexane	7.385	83	124197	18.980	ug/l	93
40) Benzene	6.044	78	317450	18.775	ug/l	96

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41) Methacrylonitrile	4.922	41	70627	18.568	ug/l	90
42) 1,2-Dichloroethane	6.092	62	100719	18.455	ug/l	99
43) Isopropyl Acetate	6.348	43	187086	18.425	ug/l	98
44) Trichloroethene	7.129	130	73535	17.727	ug/l	87
45) 1,2-Dichloropropane	7.434	63	81010	18.137	ug/l	99
46) Dibromomethane	7.586	93	52956	18.540	ug/l #	86
47) Bromodichloromethane	7.824	83	95156	18.647	ug/l	96
48) Methyl methacrylate	7.696	41	91511	18.117	ug/l	90
49) 1,4-Dioxane	7.684	88	45409	374.801	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	644586	96.298	ug/l	93
52) Toluene	8.720	92	194087	19.340	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	105259	19.050	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	124010	19.198	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	80045	18.936	ug/l	97
56) Ethyl methacrylate	9.116	69	129190	18.788	ug/l	88
57) 1,3-Dichloropropane	9.311	76	132809	18.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	283473	86.184	ug/l	95
59) 2-Hexanone	9.433	43	498710	95.953	ug/l	91
60) Dibromochloromethane	9.525	129	66153	18.412	ug/l	97
61) 1,2-Dibromoethane	9.610	107	80500	19.143	ug/l	99
64) Tetrachloroethene	9.275	164	51931	17.589	ug/l #	87
65) Chlorobenzene	10.080	112	197850	18.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	63054	18.182	ug/l	96
67) Ethyl Benzene	10.195	91	362169	18.575	ug/l	98
68) m/p-Xylenes	10.305	106	275571	37.577	ug/l	96
69) o-Xylene	10.647	106	132713	18.307	ug/l	93
70) Styrene	10.659	104	222076	18.623	ug/l	98
71) Bromoform	10.805	173	41418	17.867	ug/l #	98
73) Isopropylbenzene	10.964	105	346087	18.313	ug/l	100
74) N-amyl acetate	10.842	43	161718	17.832	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	133998	18.144	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	118471m	18.351	ug/l	
77) Bromobenzene	11.201	156	74090	17.852	ug/l	80
78) n-propylbenzene	11.305	91	417957	18.275	ug/l	98
79) 2-Chlorotoluene	11.366	91	236815	17.190	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	299734	18.992	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	36966	17.416	ug/l	89
82) 4-Chlorotoluene	11.457	91	273546	17.430	ug/l	100
83) tert-Butylbenzene	11.719	119	288780	18.863	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	300946	18.908	ug/l	99
85) sec-Butylbenzene	11.890	105	372701	18.718	ug/l	97
86) p-Isopropyltoluene	12.012	119	297177	18.868	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	147156	18.459	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	147382	18.253	ug/l	95
89) n-Butylbenzene	12.335	91	281170	19.058	ug/l	97
90) Hexachloroethane	12.543	117	45721	19.201	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	145913	18.409	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30853	18.341	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	82390	17.950	ug/l	97
94) Hexachlorobutadiene	13.725	225	28156	17.084	ug/l	96
95) Naphthalene	13.780	128	370733	19.075	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84579	18.237	ug/l	92

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

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