

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070522\
 Data File : VX029912.D
 Acq On : 05 Jul 2022 11:58
 Operator : JC/MD
 Sample : VX0705WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/06/2022
 Supervised By : Mahesh Dadoda 07/06/2022

Quant Time: Jul 06 06:52:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	240160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	414832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142733	46.951	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.900%		
35) Dibromofluoromethane	5.391	113	127082	49.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.040%		
50) Toluene-d8	8.653	98	493597	50.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.500%		
62) 4-Bromofluorobenzene	11.079	95	174663	50.806	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	48196	20.579	ug/l	99
3) Chloromethane	1.288	50	50893	18.860	ug/l	100
4) Vinyl Chloride	1.374	62	55242	20.584	ug/l	100
5) Bromomethane	1.611	94	24058	16.270	ug/l	96
6) Chloroethane	1.685	64	30959	17.635	ug/l	96
7) Trichlorofluoromethane	1.886	101	69441	20.156	ug/l	96
8) Diethyl Ether	2.136	74	30243	19.584	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	48380	20.087	ug/l	99
10) Methyl Iodide	2.453	142	41943	14.107	ug/l	98
11) Tert butyl alcohol	2.983	59	82897	104.268	ug/l	97
12) 1,1-Dichloroethene	2.319	96	47635	19.260	ug/l	98
13) Acrolein	2.239	56	30078	77.126	ug/l	99
14) Allyl chloride	2.666	41	85679	18.771	ug/l	98
15) Acrylonitrile	3.068	53	175484	94.546	ug/l	99
16) Acetone	2.386	43	136682	91.901	ug/l	99
17) Carbon Disulfide	2.514	76	116268	18.905	ug/l	100
18) Methyl Acetate	2.709	43	83687	18.252	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	161238	19.309	ug/l	98
20) Methylene Chloride	2.794	84	56501	17.988	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	50716	18.695	ug/l	98
22) Diisopropyl ether	3.763	45	172979	18.753	ug/l	96
23) Vinyl Acetate	3.727	43	765786	95.991	ug/l	98
24) 1,1-Dichloroethane	3.611	63	93896	19.302	ug/l	99
25) 2-Butanone	4.562	43	236925	91.782	ug/l	99
26) 2,2-Dichloropropane	4.477	77	68347	21.407	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	60438	18.870	ug/l	98
28) Bromochloromethane	4.903	49	36685	18.816	ug/l	97
29) Tetrahydrofuran	5.013	42	158400	93.243	ug/l	100
30) Chloroform	5.099	83	93483	19.598	ug/l	98
31) Cyclohexane	5.477	56	83223	19.634	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	74795	19.691	ug/l	99
36) 1,1-Dichloropropene	5.696	75	67938	19.703	ug/l	99
37) Ethyl Acetate	4.721	43	87972	18.655	ug/l	98
38) Carbon Tetrachloride	5.678	117	62421	20.892	ug/l	97
39) Methylcyclohexane	7.385	83	85103	20.413	ug/l	97
40) Benzene	6.044	78	221612	19.877	ug/l	99

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41) Methacrylonitrile	4.928	41	47536	18.962	ug/l	98
42) 1,2-Dichloroethane	6.092	62	67327	19.676	ug/l	100
43) Isopropyl Acetate	6.342	43	135206	19.040	ug/l	99
44) Trichloroethene	7.129	130	56843	18.931	ug/l	99
45) 1,2-Dichloropropane	7.434	63	58400	19.828	ug/l	97
46) Dibromomethane	7.580	93	37727	19.581	ug/l	97
47) Bromodichloromethane	7.824	83	69792	20.209	ug/l	91
48) Methyl methacrylate	7.696	41	65662	19.502	ug/l	100
49) 1,4-Dioxane	7.683	88	32081	402.380	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	457804	97.766	ug/l	99
52) Toluene	8.720	92	133968	19.912	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	76322	20.738	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	84663	20.357	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	57689	19.681	ug/l	97
56) Ethyl methacrylate	9.116	69	91049	19.702	ug/l	99
57) 1,3-Dichloropropane	9.311	76	90741	19.242	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	201852	91.535	ug/l	100
59) 2-Hexanone	9.433	43	358116	98.547	ug/l	100
60) Dibromochloromethane	9.525	129	53653	20.717	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57943	19.344	ug/l	98
64) Tetrachloroethene	9.275	164	48970	22.181	ug/l	96
65) Chlorobenzene	10.079	112	145622	19.819	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	50535	20.585	ug/l	99
67) Ethyl Benzene	10.195	91	259091	20.274	ug/l	99
68) m/p-Xylenes	10.305	106	202793	41.374	ug/l	98
69) o-Xylene	10.646	106	100046	20.152	ug/l	97
70) Styrene	10.659	104	162486	19.800	ug/l	99
71) Bromoform	10.799	173	37580	21.461	ug/l #	99
73) Isopropylbenzene	10.963	105	255868	19.842	ug/l	98
74) N-amyl acetate	10.841	43	119039	18.644	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	92386	18.198	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	81392m	19.078	ug/l	
77) Bromobenzene	11.201	156	60753	19.587	ug/l	96
78) n-propylbenzene	11.305	91	299001	19.659	ug/l	99
79) 2-Chlorotoluene	11.366	91	175418	19.400	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	207220	19.357	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28608	21.296	ug/l	99
82) 4-Chlorotoluene	11.457	91	198632	19.282	ug/l	99
83) tert-Butylbenzene	11.719	119	207721	19.579	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	212123	19.780	ug/l	100
85) sec-Butylbenzene	11.890	105	266217	19.912	ug/l	100
86) p-Isopropyltoluene	12.012	119	211509	19.821	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	115659	19.422	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	115443	18.998	ug/l	100
89) n-Butylbenzene	12.335	91	200210	19.960	ug/l	100
90) Hexachloroethane	12.542	117	36182	20.786	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	115307	19.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22012	20.749	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	69254	19.534	ug/l	97
94) Hexachlorobutadiene	13.725	225	23847	18.183	ug/l	96
95) Naphthalene	13.774	128	285560	19.839	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	69247	19.079	ug/l	98

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

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