

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030062.D
 Acq On : 14 Jul 2022 15:32
 Operator : JC/MD
 Sample : VX0714WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBS02

Quant Time: Jul 15 04:17:50 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 : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	179396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	311327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	273136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110103	50.423	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.840%	
35) Dibromofluoromethane	5.391	113	98818	49.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.380%	
50) Toluene-d8	8.653	98	379871	50.784	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	11.085	95	132261	50.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	43367	20.705	ug/l	99
3) Chloromethane	1.288	50	40868	21.862	ug/l	98
4) Vinyl Chloride	1.374	62	43132	20.773	ug/l	100
5) Bromomethane	1.605	94	17757	20.132	ug/l	96
6) Chloroethane	1.685	64	24362	20.835	ug/l	98
7) Trichlorofluoromethane	1.886	101	55859	20.831	ug/l	93
8) Diethyl Ether	2.136	74	22627	20.396	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	39907	21.800	ug/l	99
10) Methyl Iodide	2.453	142	33712	20.262	ug/l	98
11) Tert butyl alcohol	2.977	59	51635	91.623	ug/l	97
12) 1,1-Dichloroethene	2.319	96	39539	21.632	ug/l	91
13) Acrolein	2.239	56	9154	81.557	ug/l	94
14) Allyl chloride	2.666	41	66534	20.830	ug/l	99
15) Acrylonitrile	3.068	53	139072	108.583	ug/l	99
16) Acetone	2.386	43	109137	106.070	ug/l	98
17) Carbon Disulfide	2.508	76	96245	18.581	ug/l	100
18) Methyl Acetate	2.709	43	65883	21.048	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	124200	21.497	ug/l	98
20) Methylene Chloride	2.788	84	44458	20.248	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	39904	20.945	ug/l	94
22) Diisopropyl ether	3.770	45	134643	21.535	ug/l #	86
23) Vinyl Acetate	3.727	43	581162	109.802	ug/l	100
24) 1,1-Dichloroethane	3.611	63	72939	21.053	ug/l	99
25) 2-Butanone	4.568	43	188817	107.730	ug/l	100
26) 2,2-Dichloropropane	4.477	77	49737	20.437	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	50196	21.515	ug/l	95
28) Bromochloromethane	4.897	49	31917	21.898	ug/l	96
29) Tetrahydrofuran	5.019	42	127467	107.164	ug/l	99
30) Chloroform	5.099	83	74240	21.502	ug/l	98
31) Cyclohexane	5.470	56	66691	21.069	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	60465	21.427	ug/l	98
36) 1,1-Dichloropropene	5.702	75	52457	20.419	ug/l	97
37) Ethyl Acetate	4.721	43	69704	21.115	ug/l	98
38) Carbon Tetrachloride	5.678	117	50361	21.022	ug/l	98
39) Methylcyclohexane	7.385	83	70316	21.591	ug/l	98
40) Benzene	6.044	78	175767	21.738	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37507	21.102	ug/l	96
42) 1,2-Dichloroethane	6.092	62	55015	21.954	ug/l	98
43) Isopropyl Acetate	6.348	43	106448	21.444	ug/l	99
44) Trichloroethene	7.129	130	49016	20.745	ug/l	97
45) 1,2-Dichloropropane	7.434	63	44622	21.231	ug/l	94
46) Dibromomethane	7.586	93	30050	20.773	ug/l	97
47) Bromodichloromethane	7.824	83	54585	20.796	ug/l	99
48) Methyl methacrylate	7.702	41	49893	21.784	ug/l	98
49) 1,4-Dioxane	7.671	88	27266	458.205	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	364048	110.829	ug/l	100
52) Toluene	8.720	92	106969	20.833	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	55485	20.350	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	64357	20.605	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	46575	21.996	ug/l	98
56) Ethyl methacrylate	9.122	69	68330	21.464	ug/l	98
57) 1,3-Dichloropropane	9.311	76	73092	21.730	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	180652	104.505	ug/l	98
59) 2-Hexanone	9.433	43	280790	111.470	ug/l	100
60) Dibromochloromethane	9.525	129	41203	19.974	ug/l	100
61) 1,2-Dibromoethane	9.616	107	45948	20.850	ug/l	99
64) Tetrachloroethene	9.275	164	48621	22.175	ug/l	98
65) Chlorobenzene	10.079	112	114445	21.042	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	39471	21.287	ug/l	100
67) Ethyl Benzene	10.195	91	200690	21.771	ug/l	99
68) m/p-Xylenes	10.305	106	155848	43.106	ug/l	100
69) o-Xylene	10.646	106	77046	21.283	ug/l	99
70) Styrene	10.659	104	129711	21.588	ug/l	97
71) Bromoform	10.805	173	28564	19.174	ug/l #	98
73) Isopropylbenzene	10.963	105	195195	21.425	ug/l	99
74) N-amyl acetate	10.848	43	85346	21.328	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	68243	20.761	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	62375m	20.733	ug/l	
77) Bromobenzene	11.201	156	45186	19.822	ug/l	97
78) n-propylbenzene	11.305	91	232579	21.518	ug/l	100
79) 2-Chlorotoluene	11.366	91	136840	21.137	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	163306	21.272	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19837	19.029	ug/l	97
82) 4-Chlorotoluene	11.457	91	152091	20.968	ug/l	99
83) tert-Butylbenzene	11.719	119	154682	21.010	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	164171	21.620	ug/l	100
85) sec-Butylbenzene	11.890	105	209017	21.475	ug/l	100
86) p-Isopropyltoluene	12.012	119	165079	21.142	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	85862	20.386	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	88653	20.511	ug/l	99
89) n-Butylbenzene	12.335	91	154013	22.014	ug/l	99
90) Hexachloroethane	12.542	117	26571	19.906	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	90182	21.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16514	22.003	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	54077	20.575	ug/l	97
94) Hexachlorobutadiene	13.725	225	21085	20.094	ug/l	98
95) Naphthalene	13.780	128	220218	21.109	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54719	20.461	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

