

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030225.D
 Acq On : 27 Jul 2022 11:52
 Operator : JC/MD
 Sample : VX0727WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Quant Time: Jul 28 05:49:11 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 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	144727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161921	55.664	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.320%			
35) Dibromofluoromethane	5.391	113	130069	56.787	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.580%			
50) Toluene-d8	8.653	98	499705	56.336	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.680%			
62) 4-Bromofluorobenzene	11.085	95	183185	55.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49856	20.994	ug/l	99
3) Chloromethane	1.288	50	43127	18.364	ug/l	97
4) Vinyl Chloride	1.373	62	44732	18.872	ug/l	98
5) Bromomethane	1.605	94	19972	20.642	ug/l	95
6) Chloroethane	1.684	64	27014	19.849	ug/l	95
7) Trichlorofluoromethane	1.885	101	64588	20.683	ug/l	99
8) Diethyl Ether	2.135	74	23998	19.624	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.330	101	47346	20.469	ug/l	98
10) Methyl Iodide	2.452	142	39569	18.543	ug/l	95
11) Tert butyl alcohol	2.977	59	70437	99.267	ug/l	99
12) 1,1-Dichloroethene	2.318	96	44073	19.494	ug/l	93
13) Acrolein	2.239	56	19098	109.505	ug/l	98
14) Allyl chloride	2.666	41	90982	19.502	ug/l	97
15) Acrylonitrile	3.068	53	171124	97.590	ug/l	98
16) Acetone	2.385	43	152530	102.418	ug/l	95
17) Carbon Disulfide	2.513	76	111164	18.215	ug/l	99
18) Methyl Acetate	2.708	43	87158	19.786	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	152016	19.629	ug/l	99
20) Methylene Chloride	2.788	84	53875	19.561	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	47071	18.863	ug/l	96
22) Diisopropyl ether	3.763	45	179678	20.355	ug/l	95
23) Vinyl Acetate	3.727	43	773483	101.015	ug/l	99
24) 1,1-Dichloroethane	3.611	63	92874	19.800	ug/l	99
25) 2-Butanone	4.562	43	248729	99.386	ug/l	96
26) 2,2-Dichloropropane	4.476	77	68397	20.166	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	56204	19.153	ug/l	91
28) Bromochloromethane	4.903	49	44821	22.619	ug/l	96
29) Tetrahydrofuran	5.013	42	163922	97.348	ug/l	94
30) Chloroform	5.098	83	91696	19.744	ug/l	97
31) Cyclohexane	5.476	56	84742	20.064	ug/l #	88
32) 1,1,1-Trichloroethane	5.385	97	74949	19.854	ug/l	98
36) 1,1-Dichloropropene	5.690	75	66779	20.259	ug/l	97
37) Ethyl Acetate	4.714	43	92339	19.782	ug/l	98
38) Carbon Tetrachloride	5.684	117	62339	20.258	ug/l	99
39) Methylcyclohexane	7.384	83	82573	19.408	ug/l	91
40) Benzene	6.037	78	207843	20.041	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	51428	20.554	ug/l	95
42) 1,2-Dichloroethane	6.092	62	72932	20.352	ug/l	97
43) Isopropyl Acetate	6.342	43	135727	19.835	ug/l	97
44) Trichloroethene	7.128	130	54480	19.225	ug/l	93
45) 1,2-Dichloropropane	7.433	63	56244	20.334	ug/l	95
46) Dibromomethane	7.586	93	37498	19.934	ug/l	95
47) Bromodichloromethane	7.823	83	67562	19.757	ug/l	94
48) Methyl methacrylate	7.695	41	67669	20.091	ug/l	95
49) 1,4-Dioxane	7.671	88	28757	369.672	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	473987	102.032	ug/l	96
52) Toluene	8.720	92	128111	20.247	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	73274	19.878	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	84009	20.914	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	51674	19.181	ug/l	93
56) Ethyl methacrylate	9.122	69	84820	19.916	ug/l	91
57) 1,3-Dichloropropane	9.311	76	88938	20.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	225753	106.809	ug/l	96
59) 2-Hexanone	9.433	43	371484	101.359	ug/l	96
60) Dibromochloromethane	9.524	129	50193	20.127	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54053	19.215	ug/l	99
64) Tetrachloroethene	9.274	164	51995	19.293	ug/l	95
65) Chlorobenzene	10.079	112	133373	19.614	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	46275	20.018	ug/l	98
67) Ethyl Benzene	10.195	91	244490	23.537	ug/l	96
68) m/p-Xylenes	10.305	106	183223	39.775	ug/l	95
69) o-Xylene	10.646	106	90125	19.851	ug/l	95
70) Styrene	10.658	104	149617	20.058	ug/l	97
71) Bromoform	10.798	173	33813	19.897	ug/l #	100
73) Isopropylbenzene	10.963	105	235025	20.204	ug/l	99
74) N-amyl acetate	10.841	43	112097	19.828	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	82254	19.319	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	77638m	19.767	ug/l	
77) Bromobenzene	11.201	156	53031	19.423	ug/l	92
78) n-propylbenzene	11.304	91	280957	20.237	ug/l	99
79) 2-Chlorotoluene	11.365	91	166701	19.014	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	198300	20.359	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24051	18.370	ug/l	85
82) 4-Chlorotoluene	11.457	91	192405	20.086	ug/l	99
83) tert-Butylbenzene	11.719	119	187060	20.720	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	201018	20.686	ug/l	97
85) sec-Butylbenzene	11.890	105	251618	20.363	ug/l	98
86) p-Isopropyltoluene	12.012	119	204544	20.690	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	102792	19.359	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	105806	19.575	ug/l	98
89) n-Butylbenzene	12.335	91	195314	21.220	ug/l	99
90) Hexachloroethane	12.542	117	34815	20.454	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	105718	20.284	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	21322	20.880	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	61918	20.486	ug/l	99
94) Hexachlorobutadiene	13.725	225	24710	20.361	ug/l	98
95) Naphthalene	13.780	128	254197	21.532	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	64373	20.768	ug/l	98

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

