

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031557.D
 Acq On : 22 Sep 2022 08:38
 Operator : JC/MD
 Sample : VX0921WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBS03

Quant Time: Sep 22 09:22:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

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

Internal Standards						09/22/2022
1) Pentafluorobenzene	5.550	168	39197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	63347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	67470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46601	50.000	ug/l	0.00
System Monitoring Compounds						09/23/2022
33) 1,2-Dichloroethane-d4	5.952	65	40553	56.448	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.900%
35) Dibromofluoromethane	5.385	113	33455	51.111	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.220%
50) Toluene-d8	8.647	98	115922	45.931	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.860%
62) 4-Bromofluorobenzene	11.079	95	37465	43.825	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	11483	20.376	ug/l	93
3) Chloromethane	1.288	50	15045	20.123	ug/l	98
4) Vinyl Chloride	1.374	62	18274	21.435	ug/l	96
5) Bromomethane	1.611	94	23095	19.025	ug/l	94
6) Chloroethane	1.685	64	23923	31.287	ug/l	96
7) Trichlorofluoromethane	1.886	101	35368	18.290	ug/l	95
8) Diethyl Ether	2.130	74	13359	20.058	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	10907	17.282	ug/l #	88
10) Methyl Iodide	2.447	142	12623	20.672	ug/l	98
11) Tert butyl alcohol	2.989	59	19039	107.145	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	11173	18.313	ug/l	93
13) Acrolein	2.239	56	6940	81.114	ug/l	97
14) Allyl chloride	2.666	41	16731	16.816	ug/l	93
15) Acrylonitrile	3.069	53	38721	102.359	ug/l	98
16) Acetone	2.392	43	33328	109.553	ug/l	92
17) Carbon Disulfide	2.508	76	26178	15.924	ug/l	97
18) Methyl Acetate	2.703	43	21190	19.726	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	45136	20.455	ug/l	100
20) Methylene Chloride	2.788	84	14252	20.829	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	12701	18.435	ug/l	99
22) Diisopropyl ether	3.757	45	42184	19.579	ug/l #	77
23) Vinyl Acetate	3.721	43	180477	97.948	ug/l	97
24) 1,1-Dichloroethane	3.611	63	23774	19.526	ug/l	99
25) 2-Butanone	4.562	43	55080	99.248	ug/l	95
26) 2,2-Dichloropropane	4.471	77	11816	10.986	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	15952	19.211	ug/l	84
28) Bromochloromethane	4.904	49	10731	22.062	ug/l	87
29) Tetrahydrofuran	5.007	42	36554	100.999	ug/l	96
30) Chloroform	5.093	83	26617	19.932	ug/l	99
31) Cyclohexane	5.471	56	16937	15.886	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	21671	17.867	ug/l	100
36) 1,1-Dichloropropene	5.690	75	17784	17.662	ug/l	96
37) Ethyl Acetate	4.715	43	20925	17.420	ug/l	97
38) Carbon Tetrachloride	5.672	117	17482	15.663	ug/l	97
39) Methylcyclohexane	7.379	83	18747	15.132	ug/l	91
40) Benzene	6.038	78	54051	17.993	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	10917	18.253	ug/l	94
42) 1,2-Dichloroethane	6.086	62	21107	19.063	ug/l	99
43) Isopropyl Acetate	6.342	43	34530	18.703	ug/l	98
44) Trichloroethene	7.123	130	14593	17.133	ug/l	91
45) 1,2-Dichloropropane	7.428	63	14043	18.597	ug/l	95
46) Dibromomethane	7.580	93	10963	18.861	ug/l	91
47) Bromodichloromethane	7.824	83	19241	17.606	ug/l	97
48) Methyl methacrylate	7.690	41	15100	17.902	ug/l #	86
49) 1,4-Dioxane	7.690	88	8066	418.741	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	114426	96.358	ug/l	100
52) Toluene	8.714	92	34179	17.446	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	18207	16.100	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	19679	15.911	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	15178	18.802	ug/l	98
56) Ethyl methacrylate	9.116	69	21693	18.894	ug/l	93
57) 1,3-Dichloropropane	9.311	76	25201	19.023	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	43743	92.042	ug/l	94
59) 2-Hexanone	9.433	43	86954	97.499	ug/l	100
60) Dibromochloromethane	9.519	129	15014	17.514	ug/l	99
61) 1,2-Dibromoethane	9.610	107	16581	19.066	ug/l	99
64) Tetrachloroethene	9.275	164	13679	16.879	ug/l	94
65) Chlorobenzene	10.079	112	38005	18.266	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	13868	18.473	ug/l	96
67) Ethyl Benzene	10.195	91	62826	17.102	ug/l	99
68) m/p-Xylenes	10.299	106	50950	34.512	ug/l	95
69) o-Xylene	10.640	106	25224	17.900	ug/l	95
70) Styrene	10.659	104	40654	17.523	ug/l	97
71) Bromoform	10.799	173	10370	17.265	ug/l #	95
73) Isopropylbenzene	10.963	105	63005	18.105	ug/l	99
74) N-amyl acetate	10.842	43	28408	20.140	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	24283	23.662	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	20719m	19.921	ug/l	
77) Bromobenzene	11.195	156	16237	18.931	ug/l	91
78) n-propylbenzene	11.305	91	71818	17.938	ug/l	100
79) 2-Chlorotoluene	11.366	91	42055	17.647	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	52615	17.816	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	4747	14.696	ug/l	89
82) 4-Chlorotoluene	11.457	91	47539	16.998	ug/l	96
83) tert-Butylbenzene	11.713	119	50979	17.810	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	52432	18.027	ug/l	97
85) sec-Butylbenzene	11.890	105	64755	17.876	ug/l	100
86) p-Isopropyltoluene	12.012	119	54031	17.664	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	30239	18.394	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	31752	18.518	ug/l	98
89) n-Butylbenzene	12.335	91	45069	17.297	ug/l	97
90) Hexachloroethane	12.536	117	8361	15.907	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	31250	18.877	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4971	20.789	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	18098	19.840	ug/l	95
94) Hexachlorobutadiene	13.725	225	6516	17.993	ug/l	98
95) Naphthalene	13.774	128	71032	21.262	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	19359	20.591	ug/l	96

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

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 Supervised By :Mahesh
 Dadoda

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Reviewed By :John
CarloneAbundance TIC: VX031557.D\data.ms

09/23/202

