

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037769.D
 Acq On : 18 Sep 2023 12:09
 Operator : JC/MD
 Sample : VX0918WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Quant Time: Sep 18 17:55:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2023
 Supervised By : Semsettin Yesilyurt 09/19/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	289862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180578	47.416	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.840%		
35) Dibromofluoromethane	5.385	113	155530	49.994	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.980%		
50) Toluene-d8	8.647	98	577215	49.936	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.880%		
62) 4-Bromofluorobenzene	11.079	95	214364	51.034	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57308	18.757	ug/l	99
3) Chloromethane	1.301	50	62217	18.716	ug/l	97
4) Vinyl Chloride	1.374	62	65491	18.262	ug/l	98
5) Bromomethane	1.599	94	49938	19.451	ug/l	99
6) Chloroethane	1.685	64	43337	17.541	ug/l	99
7) Trichlorofluoromethane	1.886	101	107010	18.560	ug/l	99
8) Diethyl Ether	2.136	74	39373	17.627	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	56497	19.308	ug/l	95
10) Methyl Iodide	2.453	142	70524	18.213	ug/l	91
11) Tert butyl alcohol	2.959	59	87456	106.986	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	53299	18.848	ug/l	82
13) Acrolein	2.233	56	78925	97.732	ug/l	97
14) Allyl chloride	2.666	41	88275	18.743	ug/l	94
15) Acrylonitrile	3.062	53	165233	90.913	ug/l	99
16) Acetone	2.380	43	166554	90.911	ug/l	91
17) Carbon Disulfide	2.514	76	128335	18.101	ug/l	100
18) Methyl Acetate	2.703	43	119162	18.030	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	194206	18.669	ug/l	99
20) Methylene Chloride	2.788	84	65639	19.364	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	58415	18.603	ug/l	88
22) Diisopropyl ether	3.763	45	186732	19.034	ug/l	88
23) Vinyl Acetate	3.721	43	687636	95.291	ug/l	96
24) 1,1-Dichloroethane	3.611	63	109617	18.646	ug/l	97
25) 2-Butanone	4.556	43	236155	91.345	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	93846	19.756	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	71083	18.465	ug/l	91
28) Bromochloromethane	4.897	49	54849	19.999	ug/l #	81
29) Tetrahydrofuran	5.001	42	146221	90.927	ug/l	90
30) Chloroform	5.093	83	117144	18.497	ug/l	98
31) Cyclohexane	5.471	56	93737	19.177	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	102195	19.058	ug/l	97
36) 1,1-Dichloropropene	5.696	75	81027	18.907	ug/l	94
37) Ethyl Acetate	4.715	43	86325	18.323	ug/l	96
38) Carbon Tetrachloride	5.678	117	87254	19.459	ug/l	99
39) Methylcyclohexane	7.379	83	107549	19.773	ug/l	94
40) Benzene	6.037	78	251943	19.118	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46819	19.490	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	90428	18.985	ug/l	96
43) Isopropyl Acetate	6.342	43	142631	18.933	ug/l	95
44) Trichloroethene	7.129	130	68217	18.587	ug/l	95
45) 1,2-Dichloropropane	7.434	63	64025	18.708	ug/l	96
46) Dibromomethane	7.580	93	46863	19.035	ug/l	91
47) Bromodichloromethane	7.824	83	86308	19.035	ug/l	97
48) Methyl methacrylate	7.696	41	67438	18.726	ug/l #	87
49) 1,4-Dioxane	7.659	88	40593	429.950	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	453173	94.813	ug/l	96
52) Toluene	8.720	92	162872	19.177	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	94480	19.929	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	103289	19.686	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	67841	18.945	ug/l	95
56) Ethyl methacrylate	9.116	69	104353	19.520	ug/l	90
57) 1,3-Dichloropropane	9.311	76	109194	18.844	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	238229	95.435	ug/l	99
59) 2-Hexanone	9.427	43	355510	95.530	ug/l	94
60) Dibromochloromethane	9.519	129	68334	19.156	ug/l	100
61) 1,2-Dibromoethane	9.610	107	72709	19.178	ug/l	99
64) Tetrachloroethene	9.275	164	57759	19.719	ug/l	98
65) Chlorobenzene	10.079	112	179369	19.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	66235	20.175	ug/l	99
67) Ethyl Benzene	10.195	91	320001	19.923	ug/l	99
68) m/p-Xylenes	10.299	106	248977	40.116	ug/l	96
69) o-Xylene	10.640	106	124429	19.993	ug/l	96
70) Styrene	10.653	104	201474	20.165	ug/l	96
71) Bromoform	10.799	173	50983	19.658	ug/l #	99
73) Isopropylbenzene	10.963	105	322406	19.600	ug/l	98
74) N-amyl acetate	10.841	43	130506	19.590	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	109414	18.913	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86057m	16.595	ug/l	
77) Bromobenzene	11.195	156	80395	19.746	ug/l	88
78) n-propylbenzene	11.305	91	373210	20.090	ug/l	99
79) 2-Chlorotoluene	11.366	91	224459	19.596	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	275469	19.830	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30918	19.099	ug/l	91
82) 4-Chlorotoluene	11.457	91	255049	19.778	ug/l	97
83) tert-Butylbenzene	11.713	119	281796	20.072	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	278326	20.138	ug/l	98
85) sec-Butylbenzene	11.890	105	343370	20.159	ug/l	99
86) p-Isopropyltoluene	12.012	119	285905	20.147	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	151808	20.003	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	153533	19.770	ug/l	98
89) n-Butylbenzene	12.329	91	251036	20.193	ug/l	97
90) Hexachloroethane	12.536	117	46991	19.544	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	152470	19.677	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22406	19.430	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	92935	20.361	ug/l	97
94) Hexachlorobutadiene	13.725	225	44959	21.093	ug/l	99
95) Naphthalene	13.774	128	310652	20.124	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	94241	20.064	ug/l	98

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

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