

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037311.D
 Acq On : 29 Aug 2023 01:30
 Operator : JC/MD
 Sample : VX0828WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 29 03:08:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

08/29/2023
 Supervised By :Semsettin
 Yesilyurt

08/29/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	119818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102694	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	101398	58.700	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.400%#	
35) Dibromofluoromethane	5.385	113	84951	56.354	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.700%	
50) Toluene-d8	8.647	98	291845	53.372	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.740%	
62) 4-Bromofluorobenzene	11.079	95	115460	53.730	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.460%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	24230	17.409	ug/l	99
3) Chloromethane	1.295	50	29144	23.935	ug/l	97
4) Vinyl Chloride	1.374	62	26786	20.210	ug/l	96
5) Bromomethane	1.599	94	12977	19.656	ug/l	97
6) Chloroethane	1.679	64	19410	24.886	ug/l	93
7) Trichlorofluoromethane	1.880	101	37883	17.449	ug/l	100
8) Diethyl Ether	2.130	74	18571	22.109	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	20048	15.828	ug/l	95
10) Methyl Iodide	2.447	142	31597	20.526	ug/l	95
11) Tert butyl alcohol	2.959	59	40514	99.984	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	22430	18.185	ug/l	82
13) Acrolein	2.233	56	17578	57.024	ug/l	99
14) Allyl chloride	2.660	41	32810	17.186	ug/l #	91
15) Acrylonitrile	3.062	53	77440	107.074	ug/l	99
16) Acetone	2.380	43	65720	97.252	ug/l #	89
17) Carbon Disulfide	2.508	76	51379	16.377	ug/l	99
18) Methyl Acetate	2.703	43	52328	20.566	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	98141	20.980	ug/l	99
20) Methylene Chloride	2.788	84	32625	21.588	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	26440	18.857	ug/l	87
22) Diisopropyl ether	3.757	45	82717	21.115	ug/l #	93
23) Vinyl Acetate	3.721	43	308679	102.823	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	50301	20.475	ug/l	96
25) 2-Butanone	4.556	43	103063	101.289	ug/l #	86
26) 2,2-Dichloropropane	4.477	77	27704	12.627	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	33541	20.292	ug/l	86
28) Bromochloromethane	4.898	49	26338	24.000	ug/l #	75
29) Tetrahydrofuran	5.001	42	65167	100.427	ug/l #	82
30) Chloroform	5.093	83	56128	20.353	ug/l	98
31) Cyclohexane	5.464	56	32363	16.662	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	46102	18.655	ug/l	96
36) 1,1-Dichloropropene	5.690	75	33732	15.750	ug/l	97
37) Ethyl Acetate	4.715	43	40397	18.465	ug/l #	94
38) Carbon Tetrachloride	5.678	117	37928	16.303	ug/l	97
39) Methylcyclohexane	7.379	83	35036	15.571	ug/l	93
40) Benzene	6.038	78	117713	19.164	ug/l	100

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41) Methacrylonitrile	4.916	41	21537	18.937	ug/l	#	87
42) 1,2-Dichloroethane	6.086	62	44415	18.439	ug/l		94
43) Isopropyl Acetate	6.342	43	63080	18.161	ug/l	#	91
44) Trichloroethene	7.129	130	29288	16.816	ug/l		93
45) 1,2-Dichloropropane	7.428	63	29418	19.424	ug/l		99
46) Dibromomethane	7.580	93	22907	19.200	ug/l		95
47) Bromodichloromethane	7.824	83	41961	18.362	ug/l		96
48) Methyl methacrylate	7.696	41	31380	18.526	ug/l	#	85
49) 1,4-Dioxane	7.659	88	18342	402.075	ug/l	#	89
51) 4-Methyl-2-Pentanone	8.574	43	202951	96.227	ug/l		90
52) Toluene	8.720	92	75680	18.648	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	40059	16.463	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	44706	17.002	ug/l	#	86
55) 1,1,2-Trichloroethane	9.153	97	33555	20.305	ug/l		98
56) Ethyl methacrylate	9.116	69	49346	19.064	ug/l	#	84
57) 1,3-Dichloropropane	9.305	76	54815	19.677	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	134506	108.281	ug/l		92
59) 2-Hexanone	9.433	43	156818	97.516	ug/l		88
60) Dibromochloromethane	9.519	129	32619	18.539	ug/l		99
61) 1,2-Dibromoethane	9.610	107	34527	19.083	ug/l		99
64) Tetrachloroethene	9.275	164	22981	14.835	ug/l		99
65) Chlorobenzene	10.080	112	81401	18.137	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30774	18.578	ug/l		99
67) Ethyl Benzene	10.195	91	139613	17.678	ug/l		100
68) m/p-Xylenes	10.299	106	108328	35.520	ug/l		99
69) o-Xylene	10.640	106	55783	18.539	ug/l		99
70) Styrene	10.653	104	91473	18.455	ug/l		97
71) Bromoform	10.799	173	22508	18.165	ug/l	#	99
73) Isopropylbenzene	10.964	105	136889	18.339	ug/l		100
74) N-amyl acetate	10.842	43	55514	19.140	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	51961	20.670	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	42318m	19.349	ug/l		
77) Bromobenzene	11.195	156	34608	18.984	ug/l		91
78) n-propylbenzene	11.305	91	147169	17.706	ug/l		99
79) 2-Chlorotoluene	11.366	91	100614	18.943	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	118656	19.056	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	10914	13.938	ug/l		98
82) 4-Chlorotoluene	11.451	91	111220	18.140	ug/l		99
83) tert-Butylbenzene	11.713	119	114169	19.226	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	120896	19.212	ug/l		98
85) sec-Butylbenzene	11.890	105	130516	18.817	ug/l		99
86) p-Isopropyltoluene	12.006	119	110728	18.544	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	61869	18.127	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	62802	17.810	ug/l		98
89) n-Butylbenzene	12.329	91	84133	16.995	ug/l		98
90) Hexachloroethane	12.536	117	19462	19.528	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	66474	19.890	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11404	19.524	ug/l		85
93) 1,2,4-Trichlorobenzene	13.585	180	35528	18.168	ug/l		97
94) Hexachlorobutadiene	13.725	225	12791	16.931	ug/l		97
95) Naphthalene	13.774	128	141193	16.483	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	37317	19.207	ug/l		99

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

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