

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037288.D
 Acq On : 28 Aug 2023 12:31
 Operator : JC/MD
 Sample : VX0828WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 29 00:55:59 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 :Mahesh
 Dadoda
 08/29/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	142166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	252418	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117003	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	107887	52.639	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.280%	
35) Dibromofluoromethane	5.385	113	91041	54.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.920%	
50) Toluene-d8	8.647	98	318322	52.495	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	11.079	95	128024	53.723	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.440%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	31192	18.888	ug/l	97
3) Chloromethane	1.301	50	31783	21.999	ug/l	99
4) Vinyl Chloride	1.374	62	31205	19.843	ug/l	100
5) Bromomethane	1.599	94	15782	20.147	ug/l	96
6) Chloroethane	1.679	64	20415	22.060	ug/l	98
7) Trichlorofluoromethane	1.886	101	47386	18.395	ug/l	99
8) Diethyl Ether	2.136	74	18943	19.007	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	25738	17.126	ug/l	96
10) Methyl Iodide	2.453	142	34747	19.024	ug/l	94
11) Tert butyl alcohol	2.959	59	41625	86.577	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	26471	18.088	ug/l #	80
13) Acrolein	2.233	56	32420	88.639	ug/l	99
14) Allyl chloride	2.666	41	41536	18.337	ug/l #	89
15) Acrylonitrile	3.062	53	81298	94.738	ug/l	98
16) Acetone	2.380	43	71549	89.234	ug/l #	86
17) Carbon Disulfide	2.514	76	65217	17.520	ug/l	99
18) Methyl Acetate	2.703	43	54559	18.072	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	100491	18.105	ug/l	98
20) Methylene Chloride	2.788	84	33696	18.792	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	30053	18.065	ug/l	86
22) Diisopropyl ether	3.764	45	85743	18.447	ug/l #	83
23) Vinyl Acetate	3.721	43	323239	90.747	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	53433	18.331	ug/l	97
25) 2-Butanone	4.556	43	109064	90.338	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	46840	17.994	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	35495	18.098	ug/l	89
28) Bromochloromethane	4.897	49	28724	22.059	ug/l #	74
29) Tetrahydrofuran	5.007	42	68066	88.406	ug/l #	81
30) Chloroform	5.093	83	58955	18.018	ug/l	100
31) Cyclohexane	5.471	56	41906	18.184	ug/l #	85
32) 1,1,1-Trichloroethane	5.385	97	51359	17.516	ug/l	96
36) 1,1-Dichloropropene	5.696	75	39995	16.840	ug/l	98
37) Ethyl Acetate	4.715	43	40268	16.598	ug/l #	91
38) Carbon Tetrachloride	5.678	117	44341	17.187	ug/l	98
39) Methylcyclohexane	7.379	83	48021	19.244	ug/l	90
40) Benzene	6.038	78	124085	18.217	ug/l	99

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41) Methacrylonitrile	4.922	41	21209	16.816	ug/l	#	86
42) 1,2-Dichloroethane	6.086	62	46065	17.245	ug/l		95
43) Isopropyl Acetate	6.342	43	66180	17.182	ug/l	#	91
44) Trichloroethene	7.129	130	32415	16.783	ug/l		91
45) 1,2-Dichloropropane	7.428	63	30947	18.426	ug/l		97
46) Dibromomethane	7.580	93	23604	17.840	ug/l		93
47) Bromodichloromethane	7.824	83	44620	17.607	ug/l		98
48) Methyl methacrylate	7.696	41	32318	17.205	ug/l	#	83
49) 1,4-Dioxane	7.659	88	19080	377.156	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.574	43	209152	89.424	ug/l		90
52) Toluene	8.720	92	81271	18.058	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	46956	17.402	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	51135	17.536	ug/l	#	86
55) 1,1,2-Trichloroethane	9.153	97	33503	18.281	ug/l		93
56) Ethyl methacrylate	9.116	69	50390	17.554	ug/l	#	85
57) 1,3-Dichloropropane	9.311	76	56249	18.207	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	143506	104.175	ug/l		92
59) 2-Hexanone	9.427	43	163732	91.812	ug/l		89
60) Dibromochloromethane	9.519	129	34697	17.783	ug/l		100
61) 1,2-Dibromoethane	9.610	107	35914	17.899	ug/l		97
64) Tetrachloroethene	9.275	164	26274	15.415	ug/l		97
65) Chlorobenzene	10.079	112	86927	17.604	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	32578	17.876	ug/l		99
67) Ethyl Benzene	10.195	91	154127	17.738	ug/l		99
68) m/p-Xylenes	10.299	106	120079	35.786	ug/l		98
69) o-Xylene	10.640	106	59827	18.072	ug/l		99
70) Styrene	10.653	104	98526	18.067	ug/l		97
71) Bromoform	10.799	173	24264	17.799	ug/l	#	100
73) Isopropylbenzene	10.963	105	154776	18.200	ug/l		99
74) N-amyl acetate	10.842	43	58123	17.589	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	53789	18.781	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	44380m	17.811	ug/l		
77) Bromobenzene	11.195	156	37167	17.895	ug/l		93
78) n-propylbenzene	11.305	91	170217	17.975	ug/l		98
79) 2-Chlorotoluene	11.366	91	108179	17.876	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	132951	18.741	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	14847	16.642	ug/l		92
82) 4-Chlorotoluene	11.451	91	124256	17.788	ug/l		99
83) tert-Butylbenzene	11.713	119	130930	19.352	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	133597	18.634	ug/l		98
85) sec-Butylbenzene	11.890	105	156439	19.796	ug/l		99
86) p-Isopropyltoluene	12.006	119	132130	19.423	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	69032	17.753	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	70288	17.495	ug/l		100
89) n-Butylbenzene	12.329	91	105267	18.664	ug/l		99
90) Hexachloroethane	12.536	117	23493	20.690	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	69981	18.378	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12408	18.645	ug/l		84
93) 1,2,4-Trichlorobenzene	13.585	180	41346	18.557	ug/l		97
94) Hexachlorobutadiene	13.725	225	17032	19.788	ug/l		99
95) Naphthalene	13.774	128	151422	15.515	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	41991	18.970	ug/l		98

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

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