

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037728.D
 Acq On : 14 Sep 2023 15:00
 Operator : JC/MD
 Sample : VX0914WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS01

Quant Time: Sep 14 17:42:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/15/2023
 Supervised By : Mahesh Dadoda 09/15/2023

09/15/2023
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	277224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447534	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221274	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	196223	43.748	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.500%
35) Dibromofluoromethane	5.385	113	165745	52.250	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.500%
50) Toluene-d8	8.647	98	615916	51.482	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.960%
62) 4-Bromofluorobenzene	11.079	95	232951	53.972	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.940%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	56461	18.576	ug/l	100
3) Chloromethane	1.301	50	58189	16.805	ug/l	96
4) Vinyl Chloride	1.374	62	65831	16.901	ug/l	99
5) Bromomethane	1.599	94	48976	15.032	ug/l	97
6) Chloroethane	1.679	64	45539	17.004	ug/l	99
7) Trichlorofluoromethane	1.886	101	116438	18.068	ug/l	99
8) Diethyl Ether	2.136	74	43973	17.193	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	59648	20.648	ug/l	96
10) Methyl Iodide	2.453	142	72043	21.117	ug/l	94
11) Tert butyl alcohol	2.959	59	82362	81.388	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	53865	18.886	ug/l	88
13) Acrolein	2.233	56	82348	112.370	ug/l	100
14) Allyl chloride	2.660	41	87843	17.581	ug/l	97
15) Acrylonitrile	3.063	53	176736	85.920	ug/l	99
16) Acetone	2.380	43	178699	98.547	ug/l #	89
17) Carbon Disulfide	2.508	76	116157	16.020	ug/l	100
18) Methyl Acetate	2.703	43	132170	17.260	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	203842	18.103	ug/l	97
20) Methylene Chloride	2.788	84	66849	18.258	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	60222	18.352	ug/l	90
22) Diisopropyl ether	3.758	45	193641	17.790	ug/l	98
23) Vinyl Acetate	3.721	43	709575	89.372	ug/l	96
24) 1,1-Dichloroethane	3.611	63	111302	17.547	ug/l	99
25) 2-Butanone	4.556	43	253185	85.631	ug/l	92
26) 2,2-Dichloropropane	4.471	77	92945	21.065	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	73353	18.331	ug/l	90
28) Bromochloromethane	4.898	49	62634	19.545	ug/l	84
29) Tetrahydrofuran	5.007	42	156139	82.926	ug/l	89
30) Chloroform	5.093	83	121865	17.790	ug/l	96
31) Cyclohexane	5.465	56	97126	18.805	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	105840	18.564	ug/l	97
36) 1,1-Dichloropropene	5.690	75	84920	19.679	ug/l	96
37) Ethyl Acetate	4.715	43	95015	19.243	ug/l	97
38) Carbon Tetrachloride	5.678	117	89067	20.203	ug/l	100
39) Methylcyclohexane	7.379	83	111417	21.819	ug/l	93
40) Benzene	6.038	78	259138	19.808	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	49498	19.032	ug/l	#	89
42) 1,2-Dichloroethane	6.086	62	93525	18.291	ug/l		96
43) Isopropyl Acetate	6.342	43	151321	19.210	ug/l		95
44) Trichloroethene	7.123	130	68730	21.028	ug/l		96
45) 1,2-Dichloropropane	7.428	63	67471	19.543	ug/l		97
46) Dibromomethane	7.580	93	49319	19.636	ug/l		93
47) Bromodichloromethane	7.824	83	88932	19.613	ug/l		95
48) Methyl methacrylate	7.690	41	72308	18.989	ug/l	#	87
49) 1,4-Dioxane	7.659	88	38933	412.674	ug/l	#	87
51) 4-Methyl-2-Pentanone	8.574	43	497296	96.141	ug/l		96
52) Toluene	8.714	92	169926	20.202	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	94755	20.612	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	103988	20.615	ug/l	#	89
55) 1,1,2-Trichloroethane	9.153	97	72210	20.387	ug/l		98
56) Ethyl methacrylate	9.116	69	108629	20.045	ug/l		91
57) 1,3-Dichloropropane	9.311	76	116130	19.547	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.245	63	279685	106.440	ug/l		98
59) 2-Hexanone	9.427	43	393073	98.448	ug/l		94
60) Dibromochloromethane	9.519	129	70737	20.332	ug/l		100
61) 1,2-Dibromoethane	9.610	107	76730	20.154	ug/l		100
64) Tetrachloroethene	9.275	164	60185	22.179	ug/l		95
65) Chlorobenzene	10.080	112	186199	20.858	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	68231	22.177	ug/l		98
67) Ethyl Benzene	10.195	91	333286	20.979	ug/l		99
68) m/p-Xylenes	10.299	106	258993	42.756	ug/l		98
69) o-Xylene	10.640	106	129592	21.458	ug/l		97
70) Styrene	10.653	104	210203	21.334	ug/l		96
71) Bromoform	10.799	173	51802	21.518	ug/l	#	100
73) Isopropylbenzene	10.964	105	342194	20.656	ug/l		98
74) N-amyl acetate	10.842	43	139005	19.242	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.214	83	119638	19.298	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	93851m	19.293	ug/l		
77) Bromobenzene	11.195	156	82632	21.048	ug/l		90
78) n-propylbenzene	11.305	91	399393	20.955	ug/l		100
79) 2-Chlorotoluene	11.366	91	234191	19.961	ug/l		95
80) 1,3,5-Trimethylbenzene	11.451	105	293239	21.061	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	31274	19.542	ug/l		93
82) 4-Chlorotoluene	11.457	91	270191	20.160	ug/l		96
83) tert-Butylbenzene	11.713	119	296765	21.217	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	292297	20.823	ug/l		97
85) sec-Butylbenzene	11.890	105	373081	21.605	ug/l		99
86) p-Isopropyltoluene	12.012	119	310471	21.941	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	159603	21.172	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	160675	20.740	ug/l		99
89) n-Butylbenzene	12.335	91	275133	21.469	ug/l		98
90) Hexachloroethane	12.536	117	49238	20.621	ug/l		87
91) 1,2-Dichlorobenzene	12.335	146	158287	20.987	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24441	19.200	ug/l		78
93) 1,2,4-Trichlorobenzene	13.585	180	101357	22.566	ug/l		97
94) Hexachlorobutadiene	13.725	225	47603	25.371	ug/l		98
95) Naphthalene	13.774	128	343161	21.091	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	100597	21.828	ug/l		97

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

