

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038182.D
 Acq On : 09 Oct 2023 19:15
 Operator : JC/MD
 Sample : 04810-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-658-660MS

Quant Time: Oct 10 01:01:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/10/2023
 Supervised By : Mahesh Dadoda 10/10/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	113152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98087	53.895	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.780%			
35) Dibromofluoromethane	5.385	113	76564	54.139	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.280%			
50) Toluene-d8	8.647	98	271366	50.215	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.440%			
62) 4-Bromofluorobenzene	11.079	95	103178	50.362	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50504	46.240	ug/l	99
3) Chloromethane	1.301	50	54893	49.311	ug/l	98
4) Vinyl Chloride	1.374	62	61255	49.630	ug/l	98
5) Bromomethane	1.599	94	89137	55.075	ug/l	99
6) Chloroethane	1.685	64	49787	54.673	ug/l	99
7) Trichlorofluoromethane	1.886	101	117648	48.258	ug/l	100
8) Diethyl Ether	2.130	74	51384	56.514	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	48451	45.525	ug/l	99
10) Methyl Iodide	2.453	142	75861	49.540	ug/l	96
11) Tert butyl alcohol	2.959	59	110928	277.323	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	49851	48.154	ug/l	91
13) Acrolein	2.233	56	89329	345.261	ug/l	99
14) Allyl chloride	2.666	41	90618	48.937	ug/l	95
15) Acrylonitrile	3.062	53	228908	276.381	ug/l	100
16) Acetone	2.380	43	191566	252.204	ug/l	92
17) Carbon Disulfide	2.514	76	128051	42.916	ug/l	99
18) Methyl Acetate	2.703	43	172020	52.811	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	222797	54.037	ug/l	99
20) Methylene Chloride	2.788	84	70045	49.026	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	61664	48.107	ug/l	89
22) Diisopropyl ether	3.757	45	211489	54.495	ug/l #	96
23) Vinyl Acetate	3.721	43	756072	265.658	ug/l	97
24) 1,1-Dichloroethane	3.611	63	121079	51.409	ug/l	100
25) 2-Butanone	4.556	43	339738	277.215	ug/l	92
26) 2,2-Dichloropropane	4.477	77	79607	43.292	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	79281	51.934	ug/l	91
28) Bromochloromethane	4.897	49	60026	56.457	ug/l	89
29) Tetrahydrofuran	5.001	42	220981	276.952	ug/l	89
30) Chloroform	5.093	83	139581	54.196	ug/l	100
31) Cyclohexane	5.471	56	86723	43.981	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	111796	50.678	ug/l	100
36) 1,1-Dichloropropene	5.696	75	87825	45.035	ug/l	97
37) Ethyl Acetate	4.715	43	123288	53.231	ug/l	97
38) Carbon Tetrachloride	5.678	117	90695	47.275	ug/l	98
39) Methylcyclohexane	7.385	83	96010	42.031	ug/l	93
40) Benzene	6.037	78	279127	51.173	ug/l	100

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41) Methacrylonitrile	4.922	41	64866	56.299	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	116278	53.356	ug/l	99
43) Isopropyl Acetate	6.342	43	187365	54.190	ug/l	97
44) Trichloroethene	7.129	130	70075	49.119	ug/l	99
45) 1,2-Dichloropropane	7.428	63	74004	52.421	ug/l	98
46) Dibromomethane	7.580	93	58702	53.613	ug/l	97
47) Bromodichloromethane	7.824	83	107926	55.409	ug/l	98
48) Methyl methacrylate	7.690	41	91726	55.572	ug/l #	85
49) 1,4-Dioxane	7.659	88	40432	994.058	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	678142	284.352	ug/l	98
52) Toluene	8.720	92	181301	51.026	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	112227	53.677	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	113728	51.773	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	82822	54.496	ug/l	95
56) Ethyl methacrylate	9.116	69	127777	54.837	ug/l	93
57) 1,3-Dichloropropane	9.311	76	134713	54.806	ug/l	98
59) 2-Hexanone	9.427	43	545204	284.367	ug/l	96
60) Dibromochloromethane	9.519	129	85402	57.417	ug/l	99
61) 1,2-Dibromoethane	9.610	107	91571	55.718	ug/l	99
64) Tetrachloroethene	9.275	164	56275	45.142	ug/l	98
65) Chlorobenzene	10.079	112	195657	48.556	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	74610	54.755	ug/l	99
67) Ethyl Benzene	10.195	91	349814	48.635	ug/l	99
68) m/p-Xylenes	10.299	106	267962	96.349	ug/l	100
69) o-Xylene	10.640	106	131200	48.335	ug/l	97
70) Styrene	10.653	104	219106	49.566	ug/l	98
71) Bromoform	10.799	173	64109	50.676	ug/l #	100
73) Isopropylbenzene	10.963	105	339688	49.077	ug/l	99
74) N-amyl acetate	10.842	43	164185	55.547	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	146877	57.830	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	136662m	58.245	ug/l	
77) Bromobenzene	11.195	156	87867	51.997	ug/l	93
78) n-propylbenzene	11.305	91	407063	48.097	ug/l	100
79) 2-Chlorotoluene	11.366	91	241129	48.041	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	291456	48.808	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	39282	48.975	ug/l	96
82) 4-Chlorotoluene	11.451	91	285091	48.000	ug/l	98
83) tert-Butylbenzene	11.713	119	288891	49.511	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	298210	50.086	ug/l	99
85) sec-Butylbenzene	11.890	105	362314	47.935	ug/l	99
86) p-Isopropyltoluene	12.006	119	298992	47.945	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	163748	48.244	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	164960	47.605	ug/l	98
89) n-Butylbenzene	12.335	91	280047	45.092	ug/l	96
90) Hexachloroethane	12.536	117	52478	50.754	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	164817	50.518	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35504	57.817	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	102474	46.829	ug/l	97
94) Hexachlorobutadiene	13.725	225	38428	43.632	ug/l	98
95) Naphthalene	13.774	128	385690	50.613	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	101336	47.827	ug/l	97

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

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