

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037837.D
 Acq On : 20 Sep 2023 17:02
 Operator : JC/MD
 Sample : 04526-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-340-342MS

Quant Time: Sep 21 05:59:20 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 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	217122	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	351246	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160280	56.186	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.380%			
35) Dibromofluoromethane	5.391	113	138355	58.869	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.740%			
50) Toluene-d8	8.653	98	513609	58.816	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 117.640%#			
62) 4-Bromofluorobenzene	11.079	95	198648	62.601	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 125.200%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	113114	49.427	ug/l	100
3) Chloromethane	1.300	50	122858	49.340	ug/l	98
4) Vinyl Chloride	1.374	62	137577	51.214	ug/l	99
5) Bromomethane	1.599	94	122025	63.451	ug/l	100
6) Chloroethane	1.685	64	91300	49.335	ug/l	100
7) Trichlorofluoromethane	1.886	101	230949	53.476	ug/l	100
8) Diethyl Ether	2.136	74	86288	51.571	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	113620	51.840	ug/l	96
10) Methyl Iodide	2.453	142	148314	51.134	ug/l	91
11) Tert butyl alcohol	2.959	59	151763	247.851	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	111796	52.779	ug/l	87
13) Acrolein	2.233	56	172453	285.088	ug/l	99
14) Allyl chloride	2.666	41	176845	50.127	ug/l	# 95
15) Acrylonitrile	3.062	53	351140	257.926	ug/l	99
16) Acetone	2.380	43	278710	203.097	ug/l	91
17) Carbon Disulfide	2.514	76	260828	49.113	ug/l	99
18) Methyl Acetate	2.703	43	243216	49.130	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	409425	52.544	ug/l	99
20) Methylene Chloride	2.788	84	135237	53.305	ug/l	# 89
21) trans-1,2-Dichloroethene	3.093	96	126085	53.605	ug/l	89
22) Diisopropyl ether	3.763	45	385398	52.445	ug/l	# 86
23) Vinyl Acetate	3.721	43	1364662	252.468	ug/l	95
24) 1,1-Dichloroethane	3.611	63	229652	52.151	ug/l	98
25) 2-Butanone	4.556	43	460500	237.795	ug/l	92
26) 2,2-Dichloropropane	4.477	77	171168	48.105	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	153939	53.385	ug/l	87
28) Bromochloromethane	4.897	49	107691	52.421	ug/l	# 82
29) Tetrahydrofuran	5.007	42	300488	249.458	ug/l	89
30) Chloroform	5.099	83	250817	52.873	ug/l	97
31) Cyclohexane	5.470	56	189350	51.715	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	217891	54.247	ug/l	98
36) 1,1-Dichloropropene	5.696	75	174957	54.040	ug/l	96
37) Ethyl Acetate	4.714	43	177270	49.807	ug/l	95
38) Carbon Tetrachloride	5.678	117	189408	55.915	ug/l	95
39) Methylcyclohexane	7.385	83	215278	52.392	ug/l	92
40) Benzene	6.043	78	533821	53.619	ug/l	100

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41) Methacrylonitrile	4.922	41	95460	52.601	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	191396	53.190	ug/l	96
43) Isopropyl Acetate	6.342	43	294939	51.824	ug/l #	95
44) Trichloroethene	7.129	130	145437	52.456	ug/l	96
45) 1,2-Dichloropropane	7.433	63	138113	53.419	ug/l	97
46) Dibromomethane	7.580	93	103458	55.627	ug/l	92
47) Bromodichloromethane	7.824	83	190174	55.521	ug/l	98
48) Methyl methacrylate	7.696	41	145125	53.343	ug/l #	87
49) 1,4-Dioxane	7.659	88	72219	1012.534	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	950152	263.140	ug/l	94
52) Toluene	8.720	92	348997	54.392	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	203028	56.687	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	215564	54.383	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	148929	55.053	ug/l	96
56) Ethyl methacrylate	9.116	69	224467	55.581	ug/l	90
57) 1,3-Dichloropropane	9.311	76	236888	54.114	ug/l	100
59) 2-Hexanone	9.433	43	735451	261.596	ug/l	92
60) Dibromochloromethane	9.525	129	157278	58.361	ug/l	98
61) 1,2-Dibromoethane	9.610	107	160478	56.029	ug/l	99
64) Tetrachloroethene	9.275	164	118567	50.746	ug/l	98
65) Chlorobenzene	10.079	112	384825	52.074	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	144890	55.325	ug/l	100
67) Ethyl Benzene	10.195	91	689596	53.823	ug/l	99
68) m/p-Xylenes	10.305	106	538130	108.694	ug/l	97
69) o-Xylene	10.640	106	266134	53.606	ug/l	97
70) Styrene	10.659	104	442869	55.566	ug/l	96
71) Bromoform	10.799	173	116653	56.386	ug/l #	99
73) Isopropylbenzene	10.963	105	704294	49.784	ug/l	99
74) N-amyl acetate	10.841	43	277490	48.433	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	246113	49.466	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	216680m	48.584	ug/l	
77) Bromobenzene	11.201	156	176525	50.414	ug/l	88
78) n-propylbenzene	11.305	91	828564	51.860	ug/l	99
79) 2-Chlorotoluene	11.366	91	487613	49.499	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	605289	50.664	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	69242	49.733	ug/l	89
82) 4-Chlorotoluene	11.457	91	568691	51.277	ug/l	95
83) tert-Butylbenzene	11.713	119	621961	51.510	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	604066	50.819	ug/l	97
85) sec-Butylbenzene	11.890	105	767077	52.364	ug/l	99
86) p-Isopropyltoluene	12.012	119	647563	53.059	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	342191	52.426	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	347444	52.019	ug/l	98
89) n-Butylbenzene	12.335	91	598784	56.005	ug/l	98
90) Hexachloroethane	12.536	117	109678	53.039	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	340893	51.154	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51009	51.432	ug/l	74
93) 1,2,4-Trichlorobenzene	13.585	180	219170	55.832	ug/l	97
94) Hexachlorobutadiene	13.725	225	97351	53.106	ug/l	99
95) Naphthalene	13.774	128	713300	53.728	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	217399	53.816	ug/l	98

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

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