

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037838.D
 Acq On : 20 Sep 2023 17:25
 Operator : JC/MD
 Sample : 04526-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Sep 21 06:00:07 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	185844	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	348842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151860	62.194	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 124.380%#			
35) Dibromofluoromethane	5.391	113	127919	54.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.600%			
50) Toluene-d8	8.653	98	455124	52.478	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.960%			
62) 4-Bromofluorobenzene	11.079	95	181330	57.538	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	68719	35.081	ug/l	97
3) Chloromethane	1.300	50	111031	52.095	ug/l	98
4) Vinyl Chloride	1.374	62	106278	46.221	ug/l	99
5) Bromomethane	1.599	94	112799	68.525	ug/l	98
6) Chloroethane	1.685	64	79343	50.089	ug/l	98
7) Trichlorofluoromethane	1.886	101	153387	41.494	ug/l	100
8) Diethyl Ether	2.136	74	84636	59.097	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	69900	37.260	ug/l	94
10) Methyl Iodide	2.453	142	140640	56.649	ug/l	92
11) Tert butyl alcohol	2.959	59	155094	295.921	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	87817	48.436	ug/l	85
13) Acrolein	2.233	56	173662	335.404	ug/l	98
14) Allyl chloride	2.666	41	164476	54.468	ug/l #	95
15) Acrylonitrile	3.062	53	352857	302.809	ug/l	99
16) Acetone	2.380	43	281196	239.395	ug/l	90
17) Carbon Disulfide	2.514	76	211469	46.520	ug/l	99
18) Methyl Acetate	2.703	43	246048	58.067	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	413521	62.001	ug/l	99
20) Methylene Chloride	2.788	84	132534	61.036	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	110239	54.756	ug/l	88
22) Diisopropyl ether	3.763	45	377472	60.012	ug/l #	87
23) Vinyl Acetate	3.721	43	1359983	293.948	ug/l	95
24) 1,1-Dichloroethane	3.611	63	212598	56.403	ug/l	99
25) 2-Butanone	4.556	43	459413	277.161	ug/l	91
26) 2,2-Dichloropropane	4.477	77	144601	47.478	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	143795	58.260	ug/l	88
28) Bromochloromethane	4.903	49	101115	57.504	ug/l #	81
29) Tetrahydrofuran	5.001	42	305360	296.168	ug/l	89
30) Chloroform	5.092	83	237017	58.373	ug/l	98
31) Cyclohexane	5.470	56	121296	38.704	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	181544	52.805	ug/l	98
36) 1,1-Dichloropropene	5.696	75	138143	42.963	ug/l	96
37) Ethyl Acetate	4.714	43	179235	50.706	ug/l	96
38) Carbon Tetrachloride	5.678	117	142829	42.455	ug/l	100
39) Methylcyclohexane	7.379	83	129326	31.691	ug/l	93
40) Benzene	6.043	78	496571	50.221	ug/l	97

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41) Methacrylonitrile	4.922	41	99599	55.260	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	189700	53.082	ug/l	96
43) Isopropyl Acetate	6.342	43	296662	52.486	ug/l #	95
44) Trichloroethene	7.129	130	125560	45.599	ug/l	97
45) 1,2-Dichloropropane	7.434	63	133315	51.918	ug/l	99
46) Dibromomethane	7.580	93	101222	54.800	ug/l	92
47) Bromodichloromethane	7.824	83	186822	54.918	ug/l	98
48) Methyl methacrylate	7.696	41	146106	54.073	ug/l #	87
49) 1,4-Dioxane	7.659	88	73059	1031.370	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	962410	268.371	ug/l	95
52) Toluene	8.720	92	319203	50.092	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	201271	56.584	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	212172	53.896	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	147626	54.947	ug/l	95
56) Ethyl methacrylate	9.116	69	222019	55.354	ug/l	90
57) 1,3-Dichloropropane	9.311	76	236756	54.457	ug/l	100
59) 2-Hexanone	9.433	43	736007	263.598	ug/l	92
60) Dibromochloromethane	9.525	129	154239	57.628	ug/l	99
61) 1,2-Dibromoethane	9.610	107	159319	56.008	ug/l	100
64) Tetrachloroethene	9.275	164	97487	40.983	ug/l	98
65) Chlorobenzene	10.079	112	364187	48.407	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	139944	52.488	ug/l	99
67) Ethyl Benzene	10.195	91	615983	47.224	ug/l	97
68) m/p-Xylenes	10.305	106	478261	94.887	ug/l	98
69) o-Xylene	10.640	106	245831	48.638	ug/l	97
70) Styrene	10.659	104	411349	50.695	ug/l	96
71) Bromoform	10.799	173	118026	56.037	ug/l #	100
73) Isopropylbenzene	10.963	105	596030	42.032	ug/l	98
74) N-amyl acetate	10.841	43	278162	48.435	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	245863	49.299	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	214670m	48.019	ug/l	
77) Bromobenzene	11.201	156	169404	48.265	ug/l	88
78) n-propylbenzene	11.305	91	692956	43.270	ug/l	99
79) 2-Chlorotoluene	11.366	91	446000	45.167	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	529843	44.244	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70296	50.371	ug/l	88
82) 4-Chlorotoluene	11.457	91	518895	46.677	ug/l	96
83) tert-Butylbenzene	11.713	119	531489	43.913	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	548988	46.076	ug/l	97
85) sec-Butylbenzene	11.890	105	612496	41.713	ug/l	99
86) p-Isopropyltoluene	12.012	119	530939	43.400	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	315784	48.266	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	324596	48.483	ug/l	97
89) n-Butylbenzene	12.335	91	468396	43.706	ug/l	97
90) Hexachloroethane	12.542	117	93885	45.294	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	323043	48.360	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50615	50.914	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	201208	51.135	ug/l	97
94) Hexachlorobutadiene	13.725	225	68001	37.007	ug/l	99
95) Naphthalene	13.774	128	696528	52.341	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	201453	49.750	ug/l	98

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

