

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036147.D
 Acq On : 13 Jun 2023 16:26
 Operator : JC/MD
 Sample : 03173-10MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-06B-74-79-061223MS

Quant Time: Jun 14 00:56:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	298952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132761	46.573	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.140%		
35) Dibromofluoromethane	5.385	113	94591	47.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	8.647	98	334061	46.292	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.580%		
62) 4-Bromofluorobenzene	11.079	95	139342	48.914	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	87700	45.725	ug/l	96
3) Chloromethane	1.294	50	91325	41.658	ug/l	97
4) Vinyl Chloride	1.374	62	87285	42.386	ug/l	99
5) Bromomethane	1.617	94	51403	37.900	ug/l	98
6) Chloroethane	1.691	64	56648	46.718	ug/l	99
7) Trichlorofluoromethane	1.886	101	142959	49.335	ug/l	95
8) Diethyl Ether	2.130	74	54791	43.538	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	87009	48.380	ug/l	98
10) Methyl Iodide	2.453	142	85588	40.428	ug/l	97
11) Tert butyl alcohol	3.014	59	113943	225.074	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	144286	81.928	ug/l	96
13) Acrolein	2.239	56	80614	165.314	ug/l	99
14) Allyl chloride	2.666	41	161876	44.713	ug/l	99
15) Acrylonitrile	3.068	53	302373	254.215	ug/l	100
16) Acetone	2.398	43	274422	233.344	ug/l	99
17) Carbon Disulfide	2.514	76	164993	37.388	ug/l	98
18) Methyl Acetate	2.709	43	237333	51.910	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	334036	48.420	ug/l	99
20) Methylene Chloride	2.788	84	98403	43.438	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	100132	49.738	ug/l	96
22) Diisopropyl ether	3.757	45	342061	48.576	ug/l	96
23) Vinyl Acetate	3.721	43	1198686	242.287	ug/l	100
24) 1,1-Dichloroethane	3.611	63	195436	50.040	ug/l	99
25) 2-Butanone	4.568	43	427844	254.179	ug/l	99
26) 2,2-Dichloropropane	4.477	77	132275	44.432	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	211762	87.642	ug/l	94
28) Bromochloromethane	4.897	49	100445	49.112	ug/l	95
29) Tetrahydrofuran	5.013	42	277983	256.277	ug/l	100
30) Chloroform	5.092	83	196700	48.896	ug/l	99
31) Cyclohexane	5.470	56	139513	46.744	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	165728	48.751	ug/l	99
36) 1,1-Dichloropropene	5.690	75	130762	48.774	ug/l	99
37) Ethyl Acetate	4.715	43	161807	54.193	ug/l	99
38) Carbon Tetrachloride	5.678	117	134372	51.431	ug/l	96
39) Methylcyclohexane	7.379	83	137188	49.044	ug/l	95
40) Benzene	6.037	78	394204	48.991	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	95986	56.669	ug/l	98
42) 1,2-Dichloroethane	6.086	62	173770	54.534	ug/l	99
43) Isopropyl Acetate	6.342	43	264963	53.970	ug/l	100
44) Trichloroethene	7.123	130	155603	74.546	ug/l	97
45) 1,2-Dichloropropane	7.427	63	104848	49.508	ug/l	98
46) Dibromomethane	7.580	93	75819	51.537	ug/l	97
47) Bromodichloromethane	7.824	83	146658	52.996	ug/l	98
48) Methyl methacrylate	7.690	41	137667	57.180	ug/l	99
49) 1,4-Dioxane	7.720	88	47589	863.057	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	861493	287.475	ug/l	99
52) Toluene	8.720	92	251085	49.634	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	152199	52.028	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	160309	49.625	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	108967	51.701	ug/l	98
56) Ethyl methacrylate	9.116	69	171073	54.291	ug/l	98
57) 1,3-Dichloropropane	9.305	76	184739	50.932	ug/l	99
59) 2-Hexanone	9.433	43	644611	290.951	ug/l	100
60) Dibromochloromethane	9.519	129	107674	52.626	ug/l	99
61) 1,2-Dibromoethane	9.610	107	112812	52.357	ug/l	100
64) Tetrachloroethene	9.275	164	76519	42.151	ug/l	99
65) Chlorobenzene	10.079	112	270831	46.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	100260	48.904	ug/l	98
67) Ethyl Benzene	10.195	91	485789	46.827	ug/l	100
68) m/p-Xylenes	10.299	106	369809	93.963	ug/l	98
69) o-Xylene	10.640	106	183198	46.321	ug/l	100
70) Styrene	10.652	104	313449	49.050	ug/l	99
71) Bromoform	10.799	173	70589	49.716	ug/l #	99
73) Isopropylbenzene	10.963	105	481698	47.844	ug/l	99
74) N-amyl acetate	10.841	43	226220	51.550	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	172291	50.027	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	148802m	47.619	ug/l	
77) Bromobenzene	11.195	156	112151	45.045	ug/l	98
78) n-propylbenzene	11.305	91	563479	49.587	ug/l	99
79) 2-Chlorotoluene	11.366	91	352546	47.638	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	414735	48.859	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	45618	49.172	ug/l	99
82) 4-Chlorotoluene	11.451	91	410487	48.327	ug/l	99
83) tert-Butylbenzene	11.713	119	401638	49.527	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	420062	48.220	ug/l	100
85) sec-Butylbenzene	11.890	105	488251	50.759	ug/l	99
86) p-Isopropyltoluene	12.006	119	409805	49.831	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	211035	46.272	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	211226	43.964	ug/l	100
89) n-Butylbenzene	12.329	91	356002	51.240	ug/l	100
90) Hexachloroethane	12.536	117	65960	50.579	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	208670	45.961	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37397	52.617	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	118052	44.681	ug/l	99
94) Hexachlorobutadiene	13.725	225	45100	44.873	ug/l	97
95) Naphthalene	13.774	128	440407	47.892	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	117332	45.020	ug/l	98

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

