

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054298.D
 Acq On : 26 May 2023 20:10
 Operator : JC/MD
 Sample : 02936-09MS 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20230524MS

Quant Time: May 30 00:06:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	203529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	331651	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	316267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	178738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	141049	52.866	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.740%			
35) Dibromofluoromethane	5.282	113	114521	53.621	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.240%			
50) Toluene-d8	7.893	98	423363	52.114	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.220%			
62) 4-Bromofluorobenzene	10.626	95	156849	49.794	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	117936	51.907	ug/l	100
3) Chloromethane	1.517	50	147227	49.488	ug/l	99
4) Vinyl Chloride	1.604	62	150601	53.055	ug/l	98
5) Bromomethane	1.845	94	68645	43.687	ug/l	97
6) Chloroethane	1.925	64	88122	64.374	ug/l	97
7) Trichlorofluoromethane	2.131	101	193438	49.534	ug/l	96
8) Diethyl Ether	2.372	74	74599	51.601	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.575	101	107729	50.951	ug/l	97
10) Methyl Iodide	2.720	142	123137	48.682	ug/l	96
11) Tert butyl alcohol	3.186	59	148160m	205.579	ug/l	
12) 1,1-Dichloroethene	2.575	96	105712	48.287	ug/l	92
13) Acrolein	2.482	56	157606	210.212	ug/l	99
14) Allyl chloride	2.919	41	182254	48.013	ug/l	90
15) Acrylonitrile	3.305	53	361580	223.769	ug/l	99
16) Acetone	2.623	43	271793	177.718	ug/l	98
17) Carbon Disulfide	2.787	76	304664	47.089	ug/l	100
18) Methyl Acetate	2.941	43	251372	45.016	ug/l	96
19) Methyl tert-butyl Ether	3.356	73	357179	49.842	ug/l	97
20) Methylene Chloride	3.041	84	129245	46.844	ug/l	91
21) trans-1,2-Dichloroethene	3.347	96	116589	49.743	ug/l	98
22) Diisopropyl ether	3.986	45	359757	53.473	ug/l #	70
23) Vinyl Acetate	3.948	43	1285456	261.842	ug/l	98
24) 1,1-Dichloroethane	3.861	63	222201	51.579	ug/l	99
25) 2-Butanone	4.694	43	436038	215.342	ug/l	97
26) 2,2-Dichloropropane	4.655	77	170249	45.221	ug/l	99
27) cis-1,2-Dichloroethene	4.658	96	180158	69.096	ug/l	98
28) Bromochloromethane	4.964	49	110330	55.344	ug/l	85
29) Tetrahydrofuran	5.044	42	288278	226.493	ug/l	93
30) Chloroform	5.080	83	222380	50.781	ug/l	99
31) Cyclohexane	5.382	56	181357	48.139	ug/l	96
32) 1,1,1-Trichloroethane	5.308	97	194071	51.046	ug/l	99
36) 1,1-Dichloropropene	5.520	75	157865	47.060	ug/l	98
37) Ethyl Acetate	4.797	43	169491	41.458	ug/l #	93
38) Carbon Tetrachloride	5.517	117	169018	49.226	ug/l	97
39) Methylcyclohexane	6.758	83	184129	48.460	ug/l	93
40) Benzene	5.768	78	480999	50.269	ug/l	100

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41) Methacrylonitrile	4.964	41	91407	48.377	ug/l	92
42) 1,2-Dichloroethane	5.787	62	168760	48.551	ug/l	98
43) Isopropyl Acetate	5.903	43	264323	46.873	ug/l	98
44) Trichloroethene	6.536	130	353786	132.268	ug/l	95
45) 1,2-Dichloropropane	6.784	63	127189	50.954	ug/l	99
46) Dibromomethane	6.912	93	90153	49.065	ug/l	96
47) Bromodichloromethane	7.099	83	172334	50.153	ug/l	99
48) Methyl methacrylate	6.954	41	119181	47.657	ug/l	95
49) 1,4-Dioxane	6.973	88	64519	893.659	ug/l #	1
51) 4-Methyl-2-Pentanone	7.784	43	848274	225.411	ug/l	100
52) Toluene	7.964	92	294461	48.263	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	190257	48.396	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	199677	48.670	ug/l	98
55) 1,1,2-Trichloroethane	8.395	97	123790	48.958	ug/l	99
56) Ethyl methacrylate	8.327	69	183668	48.799	ug/l	96
57) 1,3-Dichloropropane	8.568	76	214371	49.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	34823	144.307	ug/l	98
59) 2-Hexanone	8.678	43	645615	217.176	ug/l	99
60) Dibromochloromethane	8.803	129	128966	50.202	ug/l	99
61) 1,2-Dibromoethane	8.919	107	133346	48.457	ug/l	99
64) Tetrachloroethene	8.549	164	122216	51.345	ug/l	98
65) Chlorobenzene	9.443	112	314930	47.632	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.526	131	121555	50.678	ug/l	96
67) Ethyl Benzene	9.565	91	555280	49.124	ug/l	97
68) m/p-Xylenes	9.687	106	430839	100.554	ug/l	93
69) o-Xylene	10.095	106	207565	50.044	ug/l	92
70) Styrene	10.108	104	354237	51.500	ug/l	99
71) Bromoform	10.285	173	99940	47.948	ug/l #	100
73) Isopropylbenzene	10.478	105	543980	49.142	ug/l	97
74) N-amyl acetate	10.314	43	216262	46.011	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.777	83	204148	45.578	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	227437	43.598	ug/l	97
77) Bromobenzene	10.777	156	142066	46.736	ug/l	92
78) n-propylbenzene	10.899	91	656747	48.432	ug/l	97
79) 2-Chlorotoluene	10.980	91	391729	47.716	ug/l	96
80) 1,3,5-Trimethylbenzene	11.083	105	466382	49.543	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.539	75	57380	41.885	ug/l	95
82) 4-Chlorotoluene	11.092	91	449359	46.650	ug/l	97
83) tert-Butylbenzene	11.414	119	446442	47.426	ug/l	94
84) 1,2,4-Trimethylbenzene	11.462	105	458194	48.924	ug/l	97
85) sec-Butylbenzene	11.639	105	572304	47.913	ug/l	99
86) p-Isopropyltoluene	11.787	119	481083	47.886	ug/l	98
87) 1,3-Dichlorobenzene	11.738	146	263096	44.701	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	267227	43.460	ug/l	98
89) n-Butylbenzene	12.201	91	413893	43.767	ug/l	98
90) Hexachloroethane	12.468	117	82270	46.289	ug/l	93
91) 1,2-Dichlorobenzene	12.205	146	264980	45.764	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	44955	44.008	ug/l	93
93) 1,2,4-Trichlorobenzene	13.835	180	178041	43.527	ug/l	99
94) Hexachlorobutadiene	14.015	225	83713	44.036	ug/l	98
95) Naphthalene	14.079	128	550940	42.006	ug/l	99
96) 1,2,3-Trichlorobenzene	14.324	180	181568	44.711	ug/l	99

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

