

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101123\
 Data File : VU055754.D
 Acq On : 11 Oct 2023 17:48
 Operator : MD/SY
 Sample : 04792-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B0MSD

Quant Time: Oct 12 01:58:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 12 01:53:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	435467	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	446475	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	259350	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	153635	39.333	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.660%
7) Chloroethane-d5	1.885	69	130431	40.851	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.700%
11) 1,1-Dichloroethene-d2	2.560	63	290938	41.774	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.540%
21) 2-Butanone-d5	4.615	46	272199	94.048	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.050%
24) Chloroform-d	5.055	84	334343	44.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.300%
26) 1,2-Dichloroethane-d4	5.695	65	213660	46.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.720%
32) Benzene-d6	5.721	84	643363	45.037	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.080%
36) 1,2-Dichloropropane-d6	6.685	67	200351	44.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.600%
41) Toluene-d8	7.894	98	583813	45.260	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.520%
43) trans-1,3-Dichloroprop...	8.177	79	97259	44.770	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.540%
47) 2-Hexanone-d5	8.634	63	204782	115.184	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	371788	53.410	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.820%
66) 1,2-Dichlorobenzene-d4	12.190	152	245367	47.675	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	158006	43.577	ug/L	100
3) Chloromethane	1.518	50	152376	44.413	ug/L	95
5) Vinyl chloride	1.602	62	177156	46.920	ug/L	98
6) Bromomethane	1.830	94	76250	31.590	ug/L	93
8) Chloroethane	1.907	64	107491	43.402	ug/L	100
9) Trichlorofluoromethane	2.123	101	246020	45.605	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	149371	43.055	ug/L	99
12) 1,1-Dichloroethene	2.570	96	138150	44.749	ug/L	98
13) Acetone	2.618	43	171880	63.995	ug/L	95
14) Carbon disulfide	2.785	76	381720	40.630	ug/L	99
15) Methyl Acetate	2.940	43	173991	42.300	ug/L	96
16) Methylene chloride	3.036	84	167726	44.800	ug/L	96
17) trans-1,2-Dichloroethene	3.345	96	140542	44.520	ug/L	98
18) Methyl tert-butyl Ether	3.358	73	492398	48.501	ug/L	99
19) 1,1-Dichloroethane	3.862	63	290492	44.872	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	173834	48.248	ug/L	100
22) 2-Butanone	4.695	43	259162	80.055	ug/L	99
23) Bromochloromethane	4.965	128	87068	46.662	ug/L	97
25) Chloroform	5.081	83	311804	46.105	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	255855	47.302	ug/L	100
29) Cyclohexane	5.383	56	234606	45.843	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	267424	46.361	ug/L	99
31) Carbon tetrachloride	5.518	117	231111	45.774	ug/L	99
33) Benzene	5.769	78	656353	46.506	ug/L	100
34) Trichloroethene	6.537	95	169998	44.022	ug/L	98
35) Methylcyclohexane	6.759	83	248173	44.294	ug/L	99
37) 1,2-Dichloropropane	6.785	63	175915	45.265	ug/L	99
38) Bromodichloromethane	7.100	83	234380	45.732	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	269967	45.660	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	553211	102.322	ug/L	98
42) Toluene	7.965	91	697867	46.861	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	265747	46.976	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	181257	47.299	ug/L	98
46) Tetrachloroethene	8.550	164	144779	52.364	ug/L	98
48) 2-Hexanone	8.682	43	474644	103.934	ug/L	95
49) Dibromochloromethane	8.804	129	183323	46.819	ug/L	99
50) 1,2-Dibromoethane	8.920	107	192818	46.845	ug/L	99
51) Chlorobenzene	9.444	112	447496	46.443	ug/L	98
52) Ethylbenzene	9.566	91	765816	47.036	ug/L	98
53) m,p-Xylene	9.692	106	290620	47.645	ug/L	98
54) o-Xylene	10.097	106	294870	49.956	ug/L	98
55) Styrene	10.113	104	517903	51.794	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	356238	54.291	ug/L	100
59) Bromoform	10.287	173	154883	48.512	ug/L	97
60) 1,2,3-Trichloropropane	10.820	75	287837	51.138	ug/L	98
61) Isopropylbenzene	10.483	105	778558	48.154	ug/L	100
62) 1,3,5-Trimethylbenzene	11.087	105	666299	50.930	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	662027	51.175	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	382134	47.811	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	382843	46.589	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	391088	49.307	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	79167	47.046	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	232341	43.581	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	186266	41.945	ug/L	100
71) Naphthalene	14.084	128	639526	48.481	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	191597	43.761	ug/L	97

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

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