

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101123\
 Data File : VU055753.D
 Acq On : 11 Oct 2023 17:24
 Operator : MD/SY
 Sample : 04792-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B0MS

Quant Time: Oct 12 01:58:08 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	6.242	114	420682	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	430485	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	256990	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	154030	40.820	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.640%
7) Chloroethane-d5	1.882	69	130348	42.260	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.520%
11) 1,1-Dichloroethene-d2	2.557	63	290179	43.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.260%
21) 2-Butanone-d5	4.615	46	270488	96.741	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.740%
24) Chloroform-d	5.055	84	336265	46.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.980%
26) 1,2-Dichloroethane-d4	5.695	65	216614	48.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.300%
32) Benzene-d6	5.721	84	644921	46.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	6.685	67	200631	46.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.020%
41) Toluene-d8	7.894	98	588556	47.323	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.640%
43) trans-1,3-Dichloroprop...	8.177	79	99586	47.544	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.080%
47) 2-Hexanone-d5	8.634	63	204127	119.080	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	373883	55.706	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.420%
66) 1,2-Dichlorobenzene-d4	12.190	152	247245	48.481	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	155987	44.532	ug/L	100
3) Chloromethane	1.518	50	153139	46.204	ug/L	99
5) Vinyl chloride	1.602	62	177017	48.531	ug/L	99
6) Bromomethane	1.830	94	73217	31.400	ug/L	98
8) Chloroethane	1.904	64	105391	44.050	ug/L	99
9) Trichlorofluoromethane	2.123	101	242481	46.529	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	149305	44.548	ug/L	99
12) 1,1-Dichloroethene	2.570	96	136025	45.609	ug/L	97
13) Acetone	2.618	43	167649	64.613	ug/L	96
14) Carbon disulfide	2.782	76	366019	40.328	ug/L	99
15) Methyl Acetate	2.940	43	172300	43.361	ug/L	96
16) Methylene chloride	3.036	84	164028	45.352	ug/L	97
17) trans-1,2-Dichloroethene	3.345	96	137503	45.088	ug/L	98
18) Methyl tert-butyl Ether	3.358	73	481403	49.084	ug/L	99
19) 1,1-Dichloroethane	3.859	63	289651	46.314	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	175025	50.286	ug/L	97
22) 2-Butanone	4.695	43	253676	81.115	ug/L	100
23) Bromochloromethane	4.968	128	87116	48.329	ug/L	90
25) Chloroform	5.081	83	306761	46.954	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	254874	48.777	ug/L	99
29) Cyclohexane	5.383	56	228038	46.215	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	265592	47.754	ug/L	98
31) Carbon tetrachloride	5.518	117	228081	46.852	ug/L	99
33) Benzene	5.766	78	647081	47.552	ug/L	100
34) Trichloroethene	6.538	95	169906	45.632	ug/L	98
35) Methylcyclohexane	6.759	83	239493	44.332	ug/L	96
37) 1,2-Dichloropropane	6.785	63	173755	46.370	ug/L	99
38) Bromodichloromethane	7.100	83	228794	46.301	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	276669	48.532	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	544385	104.429	ug/L	98
42) Toluene	7.965	91	685851	47.765	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	259424	47.561	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	182004	49.259	ug/L	98
46) Tetrachloroethene	8.547	164	193120	72.443	ug/L	97
48) 2-Hexanone	8.682	43	476980	108.325	ug/L	99
49) Dibromochloromethane	8.804	129	181605	48.103	ug/L	99
50) 1,2-Dibromoethane	8.920	107	190349	47.963	ug/L	97
51) Chlorobenzene	9.444	112	441159	47.486	ug/L	99
52) Ethylbenzene	9.566	91	746356	47.544	ug/L	99
53) m,p-Xylene	9.692	106	288663	49.082	ug/L	100
54) o-Xylene	10.097	106	291150	51.158	ug/L	99
55) Styrene	10.113	104	514657	53.382	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	350000	55.321	ug/L	100
59) Bromoform	10.290	173	150845	47.682	ug/L	98
60) 1,2,3-Trichloropropane	10.820	75	285255	51.144	ug/L	99
61) Isopropylbenzene	10.483	105	761530	47.533	ug/L	100
62) 1,3,5-Trimethylbenzene	11.087	105	652962	50.369	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	642835	50.148	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	373667	47.181	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	380967	46.786	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	383797	48.832	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	75874	45.503	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	223556	42.318	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	170879	38.834	ug/L	98
71) Naphthalene	14.084	128	544893	41.687	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	177354	40.880	ug/L	98

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

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