

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056176.D
 Acq On : 10 Nov 2023 16:55
 Operator : MD/SY
 Sample : 05340-22MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDM5MSD

Quant Time: Nov 10 22:23:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 10 22:17:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	383153	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	375328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	192784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	98036	4.122	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.907	69	70447	4.365	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.563	65	45631	4.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.621	46	218080	55.895	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.780%
24) Chloroform-d	5.055	84	216938	4.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	96205	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.721	84	421877	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.685	67	128358	4.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.894	98	389856	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.177	79	48463	4.778	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.631	63	202296	60.850	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.700%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	100415	5.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	137583	4.628	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	160097	4.927	ug/L	99
3) Chloromethane	1.515	50	146229	4.804	ug/L	94
5) Vinyl chloride	1.602	62	155921	4.951	ug/L	100
6) Bromomethane	1.853	94	87456	4.835	ug/L	99
8) Chloroethane	1.930	64	82524	4.833	ug/L	99
9) Trichlorofluoromethane	2.133	101	212648	5.106	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	136134	5.131	ug/L	98
12) 1,1-Dichloroethene	2.576	96	127941	5.195	ug/L	96
13) Acetone	2.631	43	178139	61.910	ug/L	99
14) Carbon disulfide	2.788	76	409023	4.874	ug/L	99
15) Methyl Acetate	2.946	43	39234	4.832	ug/L	98
16) Methylene chloride	3.039	84	138468	4.904	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	296511	5.344	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	134884	5.169	ug/L	97
19) 1,1-Dichloroethane	3.862	63	244906	5.145	ug/L	93
21) 2-Butanone	4.702	43	269477	56.788	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	154190	5.474	ug/L	97
23) Bromochloromethane	4.968	128	64962	5.197	ug/L	99
25) Chloroform	5.081	83	261401	5.153	ug/L	100

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27) 1,2-Dichloroethane	5.788	62	150235	5.233	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	227447	5.290	ug/L	98
30) Cyclohexane	5.383	56	203153	5.057	ug/L	98
31) Carbon tetrachloride	5.518	117	196047	5.135	ug/L	99
33) Benzene	5.769	78	567224	5.278	ug/L	100
34) Trichloroethene	6.538	95	206703	7.041	ug/L	98
35) Methylcyclohexane	6.759	83	220221	5.048	ug/L	98
37) 1,2-Dichloropropane	6.785	63	146843	5.254	ug/L	99
38) Bromodichloromethane	7.100	83	175452	5.027	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	207315	5.256	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	692976	56.688	ug/L	99
42) Toluene	7.965	91	601952	5.313	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	167755	5.253	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	104237	5.456	ug/L	99
47) Tetrachloroethene	8.550	164	125439	5.694	ug/L	96
48) 2-Hexanone	8.679	43	512909	57.628	ug/L	98
49) Dibromochloromethane	8.804	129	116238	5.302	ug/L	99
50) 1,2-Dibromoethane	8.920	107	98851	5.537	ug/L	95
51) Chlorobenzene	9.444	112	386501	5.288	ug/L	99
52) Ethylbenzene	9.566	91	655255	5.307	ug/L	99
53) m,p-Xylene	9.689	106	253085	5.390	ug/L	99
54) o-Xylene	10.097	106	245674	5.458	ug/L	98
55) Styrene	10.110	104	407580	5.535	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	125330	5.582	ug/L	100
59) Bromoform	10.287	173	69666	5.203	ug/L	98
60) Isopropylbenzene	10.479	105	652439	5.220	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	87144	5.237	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	529300	5.222	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	525450	5.284	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	311387	5.260	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	305102	5.212	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	286722	5.256	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	18401	5.242	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	232728	5.249	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	195547	5.559	ug/L	97
71) Naphthalene	14.081	128	298236	5.716	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	171584	5.564	ug/L	98

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

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