

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056175.D
 Acq On : 10 Nov 2023 16:31
 Operator : MD/SY
 Sample : 05340-21MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDM5MS

Quant Time: Nov 10 22:22:34 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	373631	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	367235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	191535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95142	4.102	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.907	69	68491	4.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.563	65	43910	4.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.621	46	209208	54.987	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.980%
24) Chloroform-d	5.055	84	209027	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	93532	4.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.721	84	415696	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.685	67	122120	4.704	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.894	98	381620	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.177	79	45055	4.540	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.631	63	197614	60.752	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	98348	5.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	137398	4.652	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	152100	4.800	ug/L	99
3) Chloromethane	1.515	50	142165	4.789	ug/L	95
5) Vinyl chloride	1.602	62	147634	4.808	ug/L	99
6) Bromomethane	1.853	94	82346	4.669	ug/L	98
8) Chloroethane	1.930	64	78750	4.730	ug/L	100
9) Trichlorofluoromethane	2.133	101	200092	4.927	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	130059	5.027	ug/L	98
12) 1,1-Dichloroethene	2.576	96	117499	4.893	ug/L	97
13) Acetone	2.631	43	164705	58.700	ug/L	99
14) Carbon disulfide	2.788	76	382724	4.677	ug/L	100
15) Methyl Acetate	2.949	43	37843	4.780	ug/L	99
16) Methylene chloride	3.039	84	130294	4.732	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	278914	5.155	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	124652	4.898	ug/L	97
19) 1,1-Dichloroethane	3.862	63	233671	5.034	ug/L	98
21) 2-Butanone	4.702	43	260303	56.252	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	142461	5.186	ug/L	99
23) Bromochloromethane	4.968	128	61803	5.071	ug/L	97
25) Chloroform	5.081	83	248419	5.022	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	140150	5.006	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	214623	5.101	ug/L	99
30) Cyclohexane	5.380	56	189279	4.815	ug/L	98
31) Carbon tetrachloride	5.518	117	185359	4.962	ug/L	100
33) Benzene	5.769	78	533825	5.077	ug/L	100
34) Trichloroethene	6.537	95	200032	6.964	ug/L	97
35) Methylcyclohexane	6.759	83	207488	4.861	ug/L	99
37) 1,2-Dichloropropane	6.785	63	136665	4.998	ug/L	99
38) Bromodichloromethane	7.100	83	169437	4.962	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	193244	5.007	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	654628	54.731	ug/L	99
42) Toluene	7.965	91	574434	5.182	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	160908	5.149	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	97968	5.241	ug/L	97
47) Tetrachloroethene	8.550	164	123130	5.712	ug/L	97
48) 2-Hexanone	8.679	43	481925	55.340	ug/L	98
49) Dibromochloromethane	8.804	129	110475	5.150	ug/L	98
50) 1,2-Dibromoethane	8.920	107	91846	5.258	ug/L	98
51) Chlorobenzene	9.444	112	367442	5.138	ug/L	98
52) Ethylbenzene	9.566	91	620101	5.133	ug/L	99
53) m,p-Xylene	9.688	106	241618	5.259	ug/L	100
54) o-Xylene	10.097	106	231997	5.268	ug/L	96
55) Styrene	10.110	104	384555	5.337	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	118064	5.374	ug/L	97
59) Bromoform	10.287	173	65134	4.896	ug/L	99
60) Isopropylbenzene	10.479	105	611271	4.922	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	83349	5.041	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	492100	4.886	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	496521	5.026	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	291368	4.954	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	289372	4.976	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	268716	4.958	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	17617	5.052	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	220600	5.008	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	177572	5.081	ug/L	97
71) Naphthalene	14.081	128	259837	5.013	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	154650	5.047	ug/L	99

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

