

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056158.D
 Acq On : 10 Nov 2023 08:56
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

Quant Time: Nov 10 22:13:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 09 21:34:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	436309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	427050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	210137	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	104144	3.846	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.904	69	65428	3.560	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.560	65	48292	4.047	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.625	46	214582	48.298	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	5.059	84	224977	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.695	65	96616	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.721	84	442483	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.686	67	129322	4.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.894	98	410031	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.177	79	48979	4.244	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.634	63	200547	53.018	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.040%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99473	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	138458	4.273	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	172490	4.662	ug/L	99
3) Chloromethane	1.515	50	152105	4.388	ug/L	97
5) Vinyl chloride	1.602	62	161369	4.500	ug/L	97
6) Bromomethane	1.853	94	80753	3.921	ug/L	100
8) Chloroethane	1.927	64	77656	3.994	ug/L	99
9) Trichlorofluoromethane	2.129	101	227397	4.794	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	147114	4.869	ug/L	98
12) 1,1-Dichloroethene	2.573	96	133124	4.747	ug/L	98
13) Acetone	2.631	43	153305	46.788	ug/L	98
14) Carbon disulfide	2.789	76	420323	4.399	ug/L	99
15) Methyl Acetate	2.946	43	41659	4.506	ug/L	97
16) Methylene chloride	3.039	84	142313	4.426	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	296277	4.690	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	138239	4.652	ug/L	99
19) 1,1-Dichloroethane	3.862	63	251957	4.648	ug/L	96
21) 2-Butanone	4.702	43	259754	48.070	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	149812	4.670	ug/L	99
23) Bromochloromethane	4.969	128	65169	4.579	ug/L	95
25) Chloroform	5.081	83	265174	4.591	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	150206	4.595	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	231420	4.730	ug/L	98
30) Cyclohexane	5.383	56	218614	4.783	ug/L	99
31) Carbon tetrachloride	5.518	117	203848	4.692	ug/L	100
33) Benzene	5.769	78	580232	4.745	ug/L	100
34) Trichloroethene	6.538	95	156367	4.682	ug/L	94
35) Methylcyclohexane	6.759	83	235704	4.748	ug/L	99
37) 1,2-Dichloropropane	6.785	63	147668	4.644	ug/L	99
38) Bromodichloromethane	7.100	83	181482	4.570	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	209318	4.664	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	679459	48.850	ug/L	100
42) Toluene	7.965	91	616893	4.785	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	167180	4.601	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	102272	4.705	ug/L	98
47) Tetrachloroethene	8.550	164	117487	4.687	ug/L	98
48) 2-Hexanone	8.685	43	493656	48.747	ug/L	98
49) Dibromochloromethane	8.804	129	117326	4.704	ug/L	95
50) 1,2-Dibromoethane	8.920	107	95260	4.690	ug/L	97
51) Chlorobenzene	9.444	112	389384	4.682	ug/L	99
52) Ethylbenzene	9.566	91	674028	4.798	ug/L	100
53) m,p-Xylene	9.692	106	263644	4.935	ug/L	99
54) o-Xylene	10.097	106	250527	4.892	ug/L	97
55) Styrene	10.113	104	423301	5.052	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	122045	4.777	ug/L	98
59) Bromoform	10.287	173	69475	4.760	ug/L	96
60) Isopropylbenzene	10.483	105	669194	4.912	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	87514	4.825	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	543682	4.920	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	541533	4.996	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	311595	4.829	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	300791	4.714	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	286034	4.810	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	16589	4.336	ug/L	84
69) 1,3,5-Trichlorobenzene	13.216	180	229013	4.739	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	176590	4.606	ug/L	98
71) Naphthalene	14.084	128	258749	4.550	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	154409	4.593	ug/L	99

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

