

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055453.D
 Acq On : 22 Sep 2023 12:24
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005139

Quant Time: Sep 25 01:05:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 22 02:32:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	289859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	291988	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	155855	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	96770	3.303	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.000%
7) Chloroethane-d5	1.911	69	100702	3.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.560	65	47981	3.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.634	46	263699	49.834	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.660%
24) Chloroform-d	5.058	84	251810	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.698	65	122870	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.724	84	476814	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.685	67	144091	4.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.894	98	423072	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.177	79	53086	4.957	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.634	63	160695	49.334	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.660%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	113961	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	147351	4.684	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	126969	4.499	ug/L	100
3) Chloromethane	1.515	50	112328	4.525	ug/L	100
5) Vinyl chloride	1.602	62	124814	4.660	ug/L	98
6) Bromomethane	1.856	94	82657	4.859	ug/L	100
8) Chloroethane	1.930	64	84717	4.847	ug/L	97
9) Trichlorofluoromethane	2.129	101	187369	5.045	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	113472	5.021	ug/L	99
12) 1,1-Dichloroethene	2.573	96	99253	4.897	ug/L	91
13) Acetone	2.640	43	147431	48.878	ug/L	97
14) Carbon disulfide	2.788	76	304044	4.991	ug/L	99
15) Methyl Acetate	2.952	43	33376	4.853	ug/L	98
16) Methylene chloride	3.039	84	115987	4.777	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	217168	4.940	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	100176	4.904	ug/L	95
19) 1,1-Dichloroethane	3.862	63	192680	5.101	ug/L	99
21) 2-Butanone	4.711	43	220326	49.803	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	114767	4.846	ug/L	97
23) Bromochloromethane	4.971	128	50194	5.014	ug/L	99
25) Chloroform	5.084	83	209032	5.226	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	126713	5.166	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	182990	5.497	ug/L	99
30) Cyclohexane	5.383	56	155522	5.104	ug/L	99
31) Carbon tetrachloride	5.521	117	156321	5.479	ug/L	99
33) Benzene	5.769	78	448991	5.343	ug/L	100
34) Trichloroethene	6.541	95	122992	5.174	ug/L	98
35) Methylcyclohexane	6.759	83	174099	5.084	ug/L	99
37) 1,2-Dichloropropane	6.788	63	111639	5.079	ug/L	98
38) Bromodichloromethane	7.103	83	139269	5.407	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	157605	5.373	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	515465	51.702	ug/L	99
42) Toluene	7.965	91	477850	5.331	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	128540	5.477	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	79988	5.191	ug/L	97
47) Tetrachloroethene	8.550	164	90103	5.284	ug/L	96
48) 2-Hexanone	8.685	43	404662	52.371	ug/L	98
49) Dibromochloromethane	8.807	129	85561	5.296	ug/L	92
50) 1,2-Dibromoethane	8.920	107	73012	5.105	ug/L	98
51) Chlorobenzene	9.444	112	292570	5.096	ug/L	97
52) Ethylbenzene	9.569	91	498672	5.189	ug/L	98
53) m,p-Xylene	9.692	106	191835	5.327	ug/L	99
54) o-Xylene	10.097	106	183184	5.232	ug/L	100
55) Styrene	10.113	104	307565	5.432	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.778	83	88934	5.112	ug/L	98
59) Bromoform	10.290	173	45654	5.465	ug/L	99
60) Isopropylbenzene	10.483	105	490438	5.460	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	65706	5.401	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	382496	5.325	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	373118	5.307	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	228373	5.310	ug/L	96
65) 1,4-Dichlorobenzene	11.833	146	222908	5.186	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	208136	5.279	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	11924	5.654	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	146153	4.935	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	103125	4.567	ug/L	100
71) Naphthalene	14.084	128	139962	4.282	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	86718	4.414	ug/L	95

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

