

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056494.D
 Acq On : 18 Nov 2023 21:16
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005165

Quant Time: Nov 18 22:59:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	248879	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	245105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124369	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69109	3.712	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.908	69	59889	4.196	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.560	65	33462	4.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.621	46	230077	61.983	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.960%
24) Chloroform-d	5.055	84	178199	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.695	65	86844	5.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.721	84	318673	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.682	67	104095	4.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.894	98	273980	4.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.177	79	38633	4.577	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.627	63	201638	60.786	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.580%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	89292	5.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	105022	4.571	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	96923	4.915	ug/L	99
3) Chloromethane	1.515	50	105996	5.260	ug/L	99
5) Vinyl chloride	1.602	62	101761	5.241	ug/L	99
6) Bromomethane	1.853	94	55902	5.688	ug/L	97
8) Chloroethane	1.927	64	59122	4.985	ug/L	97
9) Trichlorofluoromethane	2.133	101	142316	5.087	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	85749	5.162	ug/L	97
12) 1,1-Dichloroethene	2.576	96	79742	5.234	ug/L	87
13) Acetone	2.631	43	137066	43.355	ug/L	99
14) Carbon disulfide	2.789	76	218796	4.413	ug/L	96
15) Methyl Acetate	2.946	43	34788	6.183	ug/L	100
16) Methylene chloride	3.039	84	106138	5.264	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	229659	6.204	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	83113	5.302	ug/L	96
19) 1,1-Dichloroethane	3.862	63	178191	5.739	ug/L	99
21) 2-Butanone	4.702	43	222073	54.134	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	101665	5.719	ug/L	97
23) Bromochloromethane	4.968	128	45336	6.196	ug/L	95
25) Chloroform	5.081	83	189852	5.643	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	118142	6.185	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	155690	5.534	ug/L	100
30) Cyclohexane	5.380	56	116463	4.361	ug/L	99
31) Carbon tetrachloride	5.518	117	126866	5.250	ug/L	97
33) Benzene	5.769	78	378130	5.407	ug/L	100
34) Trichloroethene	6.538	95	101291	5.316	ug/L	96
35) Methylcyclohexane	6.759	83	126182	4.587	ug/L	99
37) 1,2-Dichloropropane	6.785	63	104437	5.726	ug/L	99
38) Bromodichloromethane	7.100	83	135155	5.740	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	146972	5.484	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	560622	62.010	ug/L	98
42) Toluene	7.965	91	387017	5.345	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	124429	5.824	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	75222	6.193	ug/L	95
47) Tetrachloroethene	8.547	164	65426	5.092	ug/L	98
48) 2-Hexanone	8.679	43	409060	58.079	ug/L	99
49) Dibromochloromethane	8.804	129	82741	5.990	ug/L	95
50) 1,2-Dibromoethane	8.920	107	67920	5.923	ug/L	98
51) Chlorobenzene	9.441	112	248575	5.343	ug/L	100
52) Ethylbenzene	9.566	91	419836	5.222	ug/L	99
53) m,p-Xylene	9.689	106	157390	5.325	ug/L	99
54) o-Xylene	10.097	106	156466	5.450	ug/L	97
55) Styrene	10.110	104	270262	5.659	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	92538	6.239	ug/L #	94
59) Bromoform	10.287	173	50079	6.464	ug/L	97
60) Isopropylbenzene	10.480	105	411719	5.133	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	63910	5.989	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	334993	5.087	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	338829	5.212	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	200278	5.489	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	193708	5.293	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	186615	5.575	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	13683	6.003	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	147523	5.370	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	121887	5.448	ug/L	99
71) Naphthalene	14.084	128	198549	5.874	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	106526	5.780	ug/L	99

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

