

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU056008.D
 Acq On : 30 Oct 2023 19:37
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005168

Quant Time: Oct 31 05:33:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	351106	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	338279	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	179844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	103477	3.726	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.914	69	95870	4.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.567	65	49676	4.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.628	46	256578	51.783	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.560%
24) Chloroform-d	5.058	84	248899	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.698	65	115792	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.724	84	497468	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.685	67	151190	5.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.894	98	448827	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.177	79	53975	4.620	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.631	63	219033	73.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	147.720%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	115504	5.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	164474	4.902	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	87063	4.351	ug/L	96
3) Chloromethane	1.518	50	76676	4.013	ug/L	95
5) Vinyl chloride	1.602	62	88100	4.186	ug/L	100
6) Bromomethane	1.859	94	55009	4.220	ug/L	100
8) Chloroethane	1.933	64	57840	4.690	ug/L	97
9) Trichlorofluoromethane	2.139	101	136818	4.713	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	92543	4.854	ug/L	99
12) 1,1-Dichloroethene	2.579	96	79819	4.691	ug/L	92
13) Acetone	2.637	43	112595	39.877	ug/L	97
14) Carbon disulfide	2.795	76	189950	4.359	ug/L	99
15) Methyl Acetate	2.956	43	26846	4.667	ug/L #	88
16) Methylene chloride	3.042	84	100741	5.225	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	201360	4.876	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	83432	4.945	ug/L	95
19) 1,1-Dichloroethane	3.866	63	169723	4.954	ug/L	98
21) 2-Butanone	4.708	43	189899	45.751	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	98074	4.801	ug/L	97
23) Bromochloromethane	4.972	128	42506	5.107	ug/L	94
25) Chloroform	5.084	83	181713	4.947	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	98332	4.556	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	153127	4.966	ug/L	97
30) Cyclohexane	5.386	56	120149	4.619	ug/L	98
31) Carbon tetrachloride	5.521	117	132894	5.053	ug/L	98
33) Benzene	5.769	78	375708	5.033	ug/L	100
34) Trichloroethene	6.541	95	102143	4.891	ug/L	98
35) Methylcyclohexane	6.759	83	133401	4.733	ug/L	97
37) 1,2-Dichloropropane	6.788	63	98980	4.994	ug/L	99
38) Bromodichloromethane	7.100	83	127719	5.132	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	141595	5.014	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	456332	47.758	ug/L	97
42) Toluene	7.965	91	406280	5.208	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	113541	4.981	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	72058	5.170	ug/L	94
47) Tetrachloroethene	8.550	164	76603	5.238	ug/L	97
48) 2-Hexanone	8.682	43	348152	46.340	ug/L	99
49) Dibromochloromethane	8.804	129	83145	5.434	ug/L	98
50) 1,2-Dibromoethane	8.920	107	65040	5.143	ug/L #	96
51) Chlorobenzene	9.444	112	259496	5.075	ug/L	98
52) Ethylbenzene	9.566	91	438640	4.960	ug/L	99
53) m,p-Xylene	9.692	106	167825	5.078	ug/L	98
54) o-Xylene	10.097	106	163030	5.041	ug/L	99
55) Styrene	10.113	104	279725	5.396	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	84075	5.211	ug/L	98
59) Bromoform	10.287	173	46532	5.086	ug/L	97
60) Isopropylbenzene	10.479	105	450441	5.026	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	57821	4.683	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	353081	4.821	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	351407	5.165	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	213269	5.020	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	215234	5.077	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	196387	5.035	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	12723	5.775	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	153235	5.279	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	121842	5.678	ug/L	99
71) Naphthalene	14.084	128	169187	5.445	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	102045	5.516	ug/L	97

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

