

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051515.D
 Acq On : 26 Oct 2022 20:39
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005182

Quant Time: Oct 27 05:38:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:28:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	260917	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	265808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	134278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	100192	4.761	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.906	69	89538	4.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.562	65	37659	4.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.620	46	230758	49.799	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.600%
24) Chloroform-d	5.060	84	179220	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.700	65	90130	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.726	84	354700	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.687	67	112225	4.519	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.896	98	315590	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.179	79	34386	4.215	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.629	63	177207	64.443	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.880%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	98412	4.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	101155	4.334	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	135560	6.369	ug/L	99
3) Chloromethane	1.527	50	163159	5.459	ug/L	100
5) Vinyl chloride	1.601	62	157465	5.372	ug/L	100
6) Bromomethane	1.845	94	75388	4.723	ug/L	100
8) Chloroethane	1.928	64	93011	4.975	ug/L	99
9) Trichlorofluoromethane	2.134	101	172177	5.096	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	99268	4.895	ug/L	98
12) 1,1-Dichloroethene	2.575	96	99802	5.245	ug/L	94
13) Acetone	2.623	43	162821	46.849	ug/L	96
14) Carbon disulfide	2.790	76	346286	5.942	ug/L	99
15) Methyl Acetate	2.948	43	44342	5.248	ug/L	96
16) Methylene chloride	3.041	84	128204	4.563	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	222003	5.093	ug/L	97
18) trans-1,2-Dichloroethene	3.350	96	107819	5.386	ug/L	95
19) 1,1-Dichloroethane	3.867	63	201579	4.880	ug/L	99
21) 2-Butanone	4.697	43	274320	50.083	ug/L	93
22) cis-1,2-Dichloroethene	4.665	96	113918	5.138	ug/L	97
23) Bromochloromethane	4.973	128	55485	5.245	ug/L	94
25) Chloroform	5.086	83	207417	4.807	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	127648	4.939	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	163252	5.126	ug/L	99
30) Cyclohexane	5.385	56	143468	5.311	ug/L	99
31) Carbon tetrachloride	5.523	117	137969	5.119	ug/L	98
33) Benzene	5.771	78	465937	5.251	ug/L	100
34) Trichloroethene	6.539	95	111079	5.018	ug/L	98
35) Methylcyclohexane	6.761	83	150156	5.376	ug/L	97
37) 1,2-Dichloropropane	6.790	63	119775	4.925	ug/L	100
38) Bromodichloromethane	7.105	83	149009	5.136	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	145817	4.988	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	673985	52.818	ug/L	98
42) Toluene	7.967	91	493180	5.236	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	127411	5.040	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	88065	5.157	ug/L	96
47) Tetrachloroethene	8.552	164	82791	5.087	ug/L	98
48) 2-Hexanone	8.681	43	503339	52.976	ug/L	99
49) Dibromochloromethane	8.809	129	101165	5.276	ug/L	98
50) 1,2-Dibromoethane	8.922	107	81705	5.375	ug/L	96
51) Chlorobenzene	9.446	112	294051	5.225	ug/L	99
52) Ethylbenzene	9.568	91	447068	5.282	ug/L	96
53) m,p-Xylene	9.690	106	183056	5.576	ug/L	96
54) o-Xylene	10.099	106	174889	5.630	ug/L	96
55) Styrene	10.111	104	303834	5.682	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	112168	5.306	ug/L	100
59) Bromoform	10.288	173	56278	5.038	ug/L	99
60) Isopropylbenzene	10.484	105	433422	5.096	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	79497	4.689	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	107171	4.750	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	313427	4.912	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	208493	4.956	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	210315	5.072	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	202025	4.940	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	16951	5.226	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	138678	4.782	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	100662	4.884	ug/L	97
71) Naphthalene	14.086	128	178291	4.654	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	104492	4.901	ug/L	99

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

