

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111022\
 Data File : VU051798.D
 Acq On : 10 Nov 2022 10:57
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005196

Quant Time: Nov 11 00:34:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 10 01:04:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	219313	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	218046	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74870	4.533	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.909	69	69744	4.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.565	65	31654	5.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.600%
20) 2-Butanone-d5	4.623	46	213123	35.628	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.260%
24) Chloroform-d	5.063	84	161666	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.700	65	81972	3.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
32) Benzene-d6	5.726	84	328868	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.690	67	107246	4.457	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.896	98	306150	5.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
43) trans-1,3-Dichloroprop...	8.179	79	37268	5.066	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.632	63	175278	39.577	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.160%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	95862	4.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	107637	5.353	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	95795	3.994	ug/L	99
3) Chloromethane	1.526	50	100890	3.337	ug/L	99
5) Vinyl chloride	1.604	62	109435	3.779	ug/L	92
6) Bromomethane	1.851	94	68488	4.987	ug/L	98
8) Chloroethane	1.932	64	69765	3.967	ug/L	98
9) Trichlorofluoromethane	2.137	101	140051	4.405	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	86969	4.653	ug/L	99
12) 1,1-Dichloroethene	2.578	96	77354	4.057	ug/L	90
13) Acetone	2.629	43	156738	51.641	ug/L	100
14) Carbon disulfide	2.793	76	194046	3.157	ug/L	99
15) Methyl Acetate	2.951	43	37403	4.707	ug/L	96
16) Methylene chloride	3.044	84	131034	4.196	ug/L	96
17) Methyl tert-butyl Ether	3.362	73	209055	4.782	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	83827	4.097	ug/L	99
19) 1,1-Dichloroethane	3.867	63	173563	4.599	ug/L	99
21) 2-Butanone	4.703	43	246845	51.933	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	103297	4.562	ug/L	99
23) Bromochloromethane	4.973	128	49925	4.716	ug/L	96
25) Chloroform	5.086	83	190253	4.859	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	110934	4.604	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	138875	4.691	ug/L	99
30) Cyclohexane	5.388	56	108143	3.967	ug/L	98
31) Carbon tetrachloride	5.523	117	119295	4.712	ug/L	99
33) Benzene	5.774	78	387754	4.506	ug/L	100
34) Trichloroethene	6.542	95	91009	4.383	ug/L	94
35) Methylcyclohexane	6.761	83	119048	4.146	ug/L	99
37) 1,2-Dichloropropane	6.790	63	107208	4.844	ug/L	100
38) Bromodichloromethane	7.105	83	136984	5.067	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	138127	4.865	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	585336	52.729	ug/L	99
42) Toluene	7.970	91	418603	4.737	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	120148	5.063	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	83581	5.154	ug/L	99
47) Tetrachloroethene	8.552	164	71072	4.469	ug/L	96
48) 2-Hexanone	8.684	43	442452	53.847	ug/L	100
49) Dibromochloromethane	8.809	129	98460	5.314	ug/L	99
50) 1,2-Dibromoethane	8.922	107	74531	5.094	ug/L	96
51) Chlorobenzene	9.446	112	266564	4.793	ug/L	98
52) Ethylbenzene	9.568	91	404202	4.740	ug/L	100
53) m,p-Xylene	9.693	106	157967	4.770	ug/L	98
54) o-Xylene	10.098	106	160390	4.955	ug/L	97
55) Styrene	10.115	104	281208	5.197	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.780	83	107902	5.366	ug/L	98
59) Bromoform	10.288	173	56277	5.559	ug/L	99
60) Isopropylbenzene	10.484	105	405371	5.068	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	73805	5.209	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	102434	4.757	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	300069	4.833	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	205260	5.155	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	204446	5.121	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	201456	5.194	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	15991	5.481	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	144312	5.085	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	110332	5.064	ug/L	99
71) Naphthalene	14.085	128	199299	4.900	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	113261	5.148	ug/L	99

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

