

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121522\
 Data File : VU052421.D
 Acq On : 15 Dec 2022 17:14
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005110

Quant Time: Dec 16 00:21:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 16 00:19:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	224872	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	222618	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	119671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69343	3.170	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.916	69	66307	3.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.568	65	29648	3.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.636	46	247820	62.505	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.000%
24) Chloroform-d	5.060	84	159810	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.700	65	80258	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.726	84	309167	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.687	67	102854	5.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.896	98	282020	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.176	79	34685	4.654	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.632	63	186339	58.992	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.980%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	100396	5.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	107225	4.680	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	102288	5.245	ug/L	99
3) Chloromethane	1.520	50	114643	4.504	ug/L	98
5) Vinyl chloride	1.604	62	126085	5.156	ug/L	100
6) Bromomethane	1.858	94	85802	6.837	ug/L	99
8) Chloroethane	1.935	64	77942	5.125	ug/L	96
9) Trichlorofluoromethane	2.141	101	149790	5.568	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	93605	5.691	ug/L	98
12) 1,1-Dichloroethene	2.581	96	87642	5.373	ug/L	84
13) Acetone	2.652	43	156187	58.011	ug/L	98
14) Carbon disulfide	2.793	76	281054	4.977	ug/L	99
15) Methyl Acetate	2.957	43	39938	5.719	ug/L	97
16) Methylene chloride	3.044	84	137847	6.246	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	195173	5.344	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	92514	5.291	ug/L	96
19) 1,1-Dichloroethane	3.867	63	172684	5.479	ug/L	98
21) 2-Butanone	4.716	43	257916	59.769	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	98931	5.391	ug/L	96
23) Bromochloromethane	4.970	128	49293	5.614	ug/L	94
25) Chloroform	5.086	83	176909	5.540	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	105968	5.418	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	142088	5.753	ug/L	100
30) Cyclohexane	5.388	56	136472	5.691	ug/L	97
31) Carbon tetrachloride	5.520	117	115312	5.495	ug/L	99
33) Benzene	5.771	78	404334	5.581	ug/L	100
34) Trichloroethene	6.539	95	98121	5.430	ug/L	97
35) Methylcyclohexane	6.761	83	143069	5.504	ug/L	99
37) 1,2-Dichloropropane	6.787	63	108239	5.770	ug/L	99
38) Bromodichloromethane	7.102	83	130578	5.710	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	127753	5.304	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	592835	60.502	ug/L	99
42) Toluene	7.967	91	428685	5.752	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	114064	5.531	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	81847	5.806	ug/L	98
47) Tetrachloroethene	8.549	164	79209	5.719	ug/L	99
48) 2-Hexanone	8.681	43	451583	62.864	ug/L	99
49) Dibromochloromethane	8.806	129	92976	5.889	ug/L	97
50) 1,2-Dibromoethane	8.918	107	73433	5.719	ug/L	98
51) Chlorobenzene	9.443	112	264389	5.564	ug/L	100
52) Ethylbenzene	9.568	91	402185	5.551	ug/L	100
53) m,p-Xylene	9.690	106	159792	5.696	ug/L	96
54) o-Xylene	10.099	106	152816	5.683	ug/L	97
55) Styrene	10.111	104	263322	5.798	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	104305	5.924	ug/L	100
59) Bromoform	10.285	173	53968	5.475	ug/L	97
60) Isopropylbenzene	10.481	105	400248	5.325	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	71081	5.190	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	294333	4.898	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	295935	4.962	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	205650	5.358	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	203603	5.319	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	196044	5.304	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	14720	4.911	ug/L	95
69) 1,3,5-Trichlorobenzene	13.214	180	141012	5.181	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	109296	5.273	ug/L	100
71) Naphthalene	14.082	128	177120	4.552	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	105563	5.177	ug/L	100

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

