

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050264.D
 Acq On : 12 Aug 2022 06:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005158

Quant Time: Aug 12 07:36:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 04:56:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93714	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	93276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43057	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36987	4.743	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.912	69	32127	5.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.565	65	14333	4.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	4.639	46	115168	60.556	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.120%
24) Chloroform-d	5.063	84	75290	5.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.703	65	37739	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.726	84	141859	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.690	67	48362	5.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.899	98	125816	4.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.179	79	14397	4.191	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.636	63	64530	52.977	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.960%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	43699	5.191	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	41333	4.899	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	41508	4.831	ug/L	100
3) Chloromethane	1.520	50	53730	4.781	ug/L	99
5) Vinyl chloride	1.601	62	50423	5.008	ug/L	99
6) Bromomethane	1.858	94	38263	5.954	ug/L	99
8) Chloroethane	1.932	64	30186	5.088	ug/L	98
9) Trichlorofluoromethane	2.137	101	56916	5.162	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	31778	5.181	ug/L	96
12) 1,1-Dichloroethene	2.578	96	32767	5.058	ug/L	92
13) Acetone	2.655	43	71862	67.848	ug/L	92
14) Carbon disulfide	2.790	76	108308	4.681	ug/L	99
15) Methyl Acetate	2.961	43	17589	6.082	ug/L	97
16) Methylene chloride	3.044	84	48223	4.872	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	87968	5.203	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	36309	5.006	ug/L	95
19) 1,1-Dichloroethane	3.871	63	72838	5.303	ug/L	97
21) 2-Butanone	4.719	43	121864	63.984	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	40983	5.091	ug/L	99
23) Bromochloromethane	4.973	128	19522	5.074	ug/L	96
25) Chloroform	5.089	83	75491	5.155	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	46227	5.187	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	59866	5.232	ug/L	98
30) Cyclohexane	5.388	56	47975	4.812	ug/L	99
31) Carbon tetrachloride	5.523	117	47214	5.034	ug/L	98
33) Benzene	5.774	78	167283	5.119	ug/L	100
34) Trichloroethene	6.542	95	39436	4.989	ug/L	95
35) Methylcyclohexane	6.764	83	47944	4.699	ug/L	99
37) 1,2-Dichloropropane	6.790	63	44565	5.119	ug/L	100
38) Bromodichloromethane	7.105	83	53937	5.101	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	48669	4.284	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	278501	55.236	ug/L	99
42) Toluene	7.970	91	170346	5.197	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	42281	4.339	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	33851	5.202	ug/L	96
47) Tetrachloroethene	8.552	164	27687	4.889	ug/L	97
48) 2-Hexanone	8.687	43	230247	59.042	ug/L	98
49) Dibromochloromethane	8.809	129	36507	5.069	ug/L	97
50) 1,2-Dibromoethane	8.925	107	31664	5.367	ug/L	96
51) Chlorobenzene	9.446	112	102049	4.949	ug/L	98
52) Ethylbenzene	9.571	91	159576	4.989	ug/L	100
53) m,p-Xylene	9.693	106	60087	5.101	ug/L	100
54) o-Xylene	10.099	106	59367	5.049	ug/L	94
55) Styrene	10.115	104	100789	5.131	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	45286	5.296	ug/L	97
59) Bromoform	10.291	173	20739	4.803	ug/L	98
60) Isopropylbenzene	10.484	105	147537	5.131	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	30611	5.219	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	37750	4.647	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	108270	4.892	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	71429	4.928	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	71017	5.036	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	71274	5.078	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	6289	5.468	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	49377	4.783	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	37115	4.744	ug/L	99
71) Naphthalene	14.086	128	75125	4.683	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	39196	4.943	ug/L	100

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

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