

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051296.D
 Acq On : 09 Oct 2022 12:34
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005169

Quant Time: Oct 10 01:22:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	203905	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	216372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	112430	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75995	4.620	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.912	69	68527	4.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.565	65	30458	4.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	4.633	46	185986	51.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.720%
24) Chloroform-d	5.063	84	155267	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.700	65	78823	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.726	84	286325	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.690	67	95987	4.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.899	98	264723	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.179	79	33251	5.007	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.632	63	107186	47.885	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.780%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	81938	5.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	86490	4.426	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	93129	5.599	ug/L	98
3) Chloromethane	1.520	50	109539	4.690	ug/L	100
5) Vinyl chloride	1.604	62	115602	5.046	ug/L	97
6) Bromomethane	1.858	94	60829	4.876	ug/L	93
8) Chloroethane	1.932	64	72738	4.979	ug/L	100
9) Trichlorofluoromethane	2.138	101	141587	5.362	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	83083	5.242	ug/L	98
12) 1,1-Dichloroethene	2.578	96	71678	4.820	ug/L	95
13) Acetone	2.642	43	138475	50.984	ug/L	99
14) Carbon disulfide	2.793	76	225929	4.961	ug/L	98
15) Methyl Acetate	2.954	43	33525	5.078	ug/L	97
16) Methylene chloride	3.044	84	98099	4.468	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	149809	4.398	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	75243	4.810	ug/L	98
19) 1,1-Dichloroethane	3.867	63	159377	4.937	ug/L	98
21) 2-Butanone	4.710	43	206507	48.244	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	82034	4.734	ug/L	95
23) Bromochloromethane	4.977	128	41579	5.029	ug/L	95
25) Chloroform	5.086	83	168238	4.989	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	103081	5.103	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	131025	5.054	ug/L	98
30) Cyclohexane	5.388	56	96557	4.391	ug/L	99
31) Carbon tetrachloride	5.523	117	113486	5.173	ug/L	99
33) Benzene	5.774	78	350655	4.854	ug/L	100
34) Trichloroethene	6.543	95	84722	4.702	ug/L	98
35) Methylcyclohexane	6.761	83	106087	4.666	ug/L	97
37) 1,2-Dichloropropane	6.790	63	96342	4.866	ug/L	99
38) Bromodichloromethane	7.105	83	116020	4.912	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	109655	4.608	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	491141	47.283	ug/L	98
42) Toluene	7.970	91	374130	4.880	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	100980	4.907	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	68301	4.913	ug/L	98
47) Tetrachloroethene	8.552	164	65027	4.908	ug/L	96
48) 2-Hexanone	8.684	43	390390	50.476	ug/L	97
49) Dibromochloromethane	8.809	129	76141	4.878	ug/L	98
50) 1,2-Dibromoethane	8.922	107	60957	4.926	ug/L	96
51) Chlorobenzene	9.446	112	222097	4.848	ug/L	98
52) Ethylbenzene	9.571	91	322734	4.684	ug/L	95
53) m,p-Xylene	9.694	106	131153	4.908	ug/L	96
54) o-Xylene	10.099	106	121321	4.798	ug/L	98
55) Styrene	10.115	104	218276	5.015	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	84173	4.892	ug/L	98
59) Bromoform	10.292	173	41173	4.402	ug/L	97
60) Isopropylbenzene	10.484	105	317627	4.460	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	60007	4.227	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	74058	3.920	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	215495	4.034	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	165597	4.701	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	161668	4.656	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	156145	4.560	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	12128	4.466	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	114601	4.720	ug/L	96
70) 1,2,4-trichlorobenzene	13.838	180	77497	4.491	ug/L	100
71) Naphthalene	14.086	128	114578	3.572	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	76565	4.289	ug/L	99

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

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