

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051315.D
 Acq On : 10 Oct 2022 09:40
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005171

Quant Time: Oct 11 00:56:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 10 01:25:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	209795	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	223220	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76522	4.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.912	69	68975	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.565	65	29252	4.373	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.633	46	204708	54.942	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.880%
24) Chloroform-d	5.063	84	162758	5.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.703	65	83455	5.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.726	84	300733	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.690	67	101742	4.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.896	98	277660	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	8.179	79	35674	5.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	8.636	63	125361	54.287	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.580%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	87606	5.259	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	93880	4.705	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	87478	5.112	ug/L	100
3) Chloromethane	1.520	50	106543	4.434	ug/L	99
5) Vinyl chloride	1.604	62	109825	4.660	ug/L	98
6) Bromomethane	1.858	94	57089	4.448	ug/L	98
8) Chloroethane	1.932	64	70430	4.686	ug/L	99
9) Trichlorofluoromethane	2.138	101	135686	4.994	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	81297	4.986	ug/L	100
12) 1,1-Dichloroethene	2.578	96	69932	4.571	ug/L	97
13) Acetone	2.642	43	133870	47.905	ug/L	99
14) Carbon disulfide	2.793	76	217176	4.635	ug/L	100
15) Methyl Acetate	2.957	43	31805	4.682	ug/L	100
16) Methylene chloride	3.044	84	90220	3.994	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	152592	4.354	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	74475	4.627	ug/L	97
19) 1,1-Dichloroethane	3.867	63	156027	4.698	ug/L	100
21) 2-Butanone	4.710	43	207214	47.050	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	80826	4.533	ug/L	97
23) Bromochloromethane	4.973	128	41581	4.888	ug/L	95
25) Chloroform	5.089	83	159782	4.606	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	99443	4.785	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	125993	4.711	ug/L	99
30) Cyclohexane	5.388	56	99871	4.402	ug/L	99
31) Carbon tetrachloride	5.523	117	108713	4.803	ug/L	98
33) Benzene	5.774	78	343735	4.613	ug/L	100
34) Trichloroethene	6.543	95	83184	4.475	ug/L	98
35) Methylcyclohexane	6.764	83	109454	4.667	ug/L	100
37) 1,2-Dichloropropane	6.790	63	95339	4.668	ug/L	100
38) Bromodichloromethane	7.105	83	114943	4.717	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	111036	4.523	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	484832	45.244	ug/L	99
42) Toluene	7.970	91	361464	4.570	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	101595	4.786	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	65457	4.564	ug/L	97
47) Tetrachloroethene	8.552	164	62864	4.599	ug/L	99
48) 2-Hexanone	8.684	43	383281	48.037	ug/L	100
49) Dibromochloromethane	8.809	129	74564	4.630	ug/L	98
50) 1,2-Dibromoethane	8.922	107	59305	4.646	ug/L	96
51) Chlorobenzene	9.446	112	220834	4.672	ug/L	99
52) Ethylbenzene	9.568	91	329115	4.630	ug/L	99
53) m,p-Xylene	9.694	106	127501	4.625	ug/L	100
54) o-Xylene	10.102	106	121106	4.643	ug/L	99
55) Styrene	10.115	104	218752	4.872	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	83005	4.676	ug/L	98
59) Bromoform	10.292	173	39661	4.153	ug/L	100
60) Isopropylbenzene	10.484	105	316046	4.346	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	58949	4.066	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	75908	3.935	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	221524	4.061	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	165317	4.596	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	159644	4.503	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	155282	4.441	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	12664	4.567	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	111344	4.491	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	80053	4.543	ug/L	99
71) Naphthalene	14.086	128	124339	3.796	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	80544	4.419	ug/L	99

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

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