

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053796.D
 Acq On : 20 Apr 2023 10:27
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005155

Quant Time: Apr 20 12:28:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	152957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	145891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78574	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49203	4.676	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.912	69	40065	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.565	65	18141	4.047	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.626	46	82221	34.109	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.220%
24) Chloroform-d	5.057	84	84286	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.697	65	38074	3.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
32) Benzene-d6	5.726	84	169892	4.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.687	67	50252	3.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.896	98	161843	4.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.179	79	19761	4.087	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.629	63	68727	34.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.000%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	39484	3.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	57973	4.101	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	52837	4.814	ug/L	99
3) Chloromethane	1.520	50	51744	4.686	ug/L	99
5) Vinyl chloride	1.604	62	59503	4.779	ug/L	97
6) Bromomethane	1.858	94	38904	4.933	ug/L	96
8) Chloroethane	1.935	64	37543	5.187	ug/L	96
9) Trichlorofluoromethane	2.137	101	85229	4.533	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	50098	5.257	ug/L	96
12) 1,1-Dichloroethene	2.578	96	41936	4.842	ug/L	89
13) Acetone	2.636	43	67607	47.259	ug/L #	52
14) Carbon disulfide	2.790	76	114018	4.486	ug/L	96
15) Methyl Acetate	2.954	43	12775	3.807	ug/L #	89
16) Methylene chloride	3.044	84	47662	4.191	ug/L	94
17) Methyl tert-butyl Ether	3.359	73	92040	4.384	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	43612	4.848	ug/L	90
19) 1,1-Dichloroethane	3.867	63	79869	4.820	ug/L	97
21) 2-Butanone	4.706	43	91144	41.032	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	49746	4.105	ug/L	92
23) Bromochloromethane	4.973	128	21490	5.010	ug/L	91
25) Chloroform	5.083	83	85263	5.002	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	48575	4.549	ug/L #	91
29) 1,1,1-Trichloroethane	5.314	97	73769	5.122	ug/L	98
30) Cyclohexane	5.385	56	64284	4.189	ug/L	96
31) Carbon tetrachloride	5.520	117	63325	5.196	ug/L	99
33) Benzene	5.771	78	183009	4.682	ug/L	100
34) Trichloroethene	6.539	95	51253	4.924	ug/L	93
35) Methylcyclohexane	6.761	83	76460	4.281	ug/L	96
37) 1,2-Dichloropropane	6.787	63	47755	4.627	ug/L #	96
38) Bromodichloromethane	7.102	83	55847	4.872	ug/L	95
39) cis-1,3-Dichloropropene	7.603	75	68320	4.480	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	211043	41.784	ug/L	97
42) Toluene	7.967	91	203693	4.769	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	54731	4.411	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	34989	4.774	ug/L	93
47) Tetrachloroethene	8.549	164	38837	5.078	ug/L	96
48) 2-Hexanone	8.681	43	161340	43.201	ug/L	98
49) Dibromochloromethane	8.806	129	36139	4.987	ug/L	95
50) 1,2-Dibromoethane	8.922	107	32258	4.557	ug/L	94
51) Chlorobenzene	9.443	112	131812	4.893	ug/L	98
52) Ethylbenzene	9.568	91	213693	4.590	ug/L	97
53) m,p-Xylene	9.690	106	84146	4.741	ug/L	100
54) o-Xylene	10.095	106	81327	4.830	ug/L	97
55) Styrene	10.111	104	133248	4.819	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	41061	4.437	ug/L	97
59) Bromoform	10.285	173	19065	4.712	ug/L	95
60) Isopropylbenzene	10.481	105	215670	4.519	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	27808	4.271	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	176624	4.561	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	177813	4.483	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	104338	4.973	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	103302	4.903	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	98657	4.959	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.992	75	5079	4.023	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.214	180	74952	5.117	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	62091	5.331	ug/L	99
71) Naphthalene	14.082	128	103001	4.694	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	54636	5.374	ug/L	98

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

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