

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041723\
 Data File : VU053729.D
 Acq On : 17 Apr 2023 15:06
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005151

Quant Time: Apr 18 00:16:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	152589	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	144730	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51836	4.938	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.912	69	46096	4.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.565	65	19253	4.306	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.620	46	99210	41.256	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.520%
24) Chloroform-d	5.060	84	93385	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.700	65	45345	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.722	84	179863	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.687	67	55955	4.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.896	98	169433	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.176	79	22088	4.605	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.629	63	89518	45.951	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.900%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	45732	4.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	65416	4.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	52381	4.784	ug/L	100
3) Chloromethane	1.520	50	51175	4.646	ug/L	100
5) Vinyl chloride	1.604	62	60732	4.889	ug/L	99
6) Bromomethane	1.854	94	37461	4.762	ug/L	97
8) Chloroethane	1.932	64	36744	5.089	ug/L	97
9) Trichlorofluoromethane	2.137	101	89785	4.787	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	52218	5.493	ug/L	96
12) 1,1-Dichloroethene	2.578	96	42381	4.906	ug/L	91
13) Acetone	2.633	43	79891	55.981	ug/L #	51
14) Carbon disulfide	2.790	76	107317	4.232	ug/L	99
15) Methyl Acetate	2.951	43	14118	4.217	ug/L	96
16) Methylene chloride	3.041	84	63147	5.565	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	102326	4.886	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	45264	5.044	ug/L	95
19) 1,1-Dichloroethane	3.867	63	82769	5.007	ug/L	98
21) 2-Butanone	4.703	43	107460	48.494	ug/L	97
22) cis-1,2-Dichloroethene	4.661	96	52991	4.383	ug/L	97
23) Bromochloromethane	4.973	128	23307	5.446	ug/L	93
25) Chloroform	5.083	83	92702	5.452	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	52995	4.975	ug/L	96
29) 1,1,1-Trichloroethane	5.311	97	77945	5.455	ug/L	96
30) Cyclohexane	5.385	56	66891	4.394	ug/L	98
31) Carbon tetrachloride	5.523	117	67253	5.563	ug/L	100
33) Benzene	5.771	78	188649	4.865	ug/L	100
34) Trichloroethene	6.539	95	54045	5.233	ug/L	95
35) Methylcyclohexane	6.761	83	79563	4.490	ug/L	97
37) 1,2-Dichloropropane	6.787	63	49930	4.876	ug/L	100
38) Bromodichloromethane	7.102	83	61460	5.405	ug/L #	94
39) cis-1,3-Dichloropropene	7.603	75	74166	4.903	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	230960	46.094	ug/L	99
42) Toluene	7.967	91	212215	5.008	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	62220	5.055	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	36900	5.076	ug/L	92
47) Tetrachloroethene	8.549	164	41577	5.480	ug/L	94
48) 2-Hexanone	8.681	43	185113	49.964	ug/L	97
49) Dibromochloromethane	8.806	129	39795	5.535	ug/L	97
50) 1,2-Dibromoethane	8.922	107	36354	5.177	ug/L #	95
51) Chlorobenzene	9.446	112	143401	5.366	ug/L	97
52) Ethylbenzene	9.568	91	230538	4.991	ug/L	99
53) m,p-Xylene	9.690	106	91256	5.183	ug/L	97
54) o-Xylene	10.098	106	87977	5.266	ug/L	100
55) Styrene	10.111	104	146295	5.333	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.777	83	45303	4.935	ug/L	99
59) Bromoform	10.288	173	21252	5.287	ug/L	97
60) Isopropylbenzene	10.481	105	236429	4.986	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	30261	4.678	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	194027	5.042	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	200810	5.096	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	116526	5.589	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	118081	5.641	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	110332	5.582	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.995	75	5993	4.778	ug/L	86
69) 1,3,5-Trichlorobenzene	13.217	180	84390	5.798	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	73664	6.366	ug/L	99
71) Naphthalene	14.082	128	125723	5.767	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	65319	6.467	ug/L	99

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

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