

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU054989.D
 Acq On : 30 Aug 2023 10:39
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005099

Quant Time: Aug 31 02:30:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 30 01:18:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174757	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	159823	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88772	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21252	3.853	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.000%	
7) Chloroethane-d5	1.908	69	30261	4.247	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.000%	
11) 1,1-Dichloroethene-d2	2.564	65	13624	4.370	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.400%	
20) 2-Butanone-d5	4.628	46	186198	62.539	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.080%	
24) Chloroform-d	5.062	84	100713	4.922	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.699	65	55146	5.065	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.724	84	173465	4.828	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.689	67	64255	5.085	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.898	98	160929	4.677	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	8.181	79	20071	4.827	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.600%	
46) 2-Hexanone-d5	8.631	63	126495	64.093	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	128.180%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	63443	5.855	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	117.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	70309	4.960	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	59144	5.462	ug/L	99
3) Chloromethane	1.519	50	58795	5.204	ug/L	98
5) Vinyl chloride	1.599	62	63052	5.376	ug/L	98
6) Bromomethane	1.853	94	27741	3.790	ug/L	97
8) Chloroethane	1.930	64	39387	5.106	ug/L	96
9) Trichlorofluoromethane	2.136	101	91083	5.457	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	52740	5.816	ug/L	96
12) 1,1-Dichloroethene	2.576	96	44015	5.578	ug/L	89
13) Acetone	2.634	43	99616	61.899	ug/L	98
14) Carbon disulfide	2.789	76	112293	5.138	ug/L	96
15) Methyl Acetate	2.953	43	21134	6.415	ug/L	98
16) Methylene chloride	3.039	84	61661	5.086	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	131040	5.706	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	45433	5.269	ug/L	95
19) 1,1-Dichloroethane	3.866	63	97418	5.386	ug/L	97
21) 2-Butanone	4.708	43	154894	62.812	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	56233	5.470	ug/L	97
23) Bromochloromethane	4.975	128	23833	5.357	ug/L	93
25) Chloroform	5.088	83	104205	5.252	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	66600	5.494	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	85537	5.384	ug/L	99
30) Cyclohexane	5.387	56	75593	5.368	ug/L	98
31) Carbon tetrachloride	5.522	117	71171	5.265	ug/L	98
33) Benzene	5.773	78	206895	5.488	ug/L	100
34) Trichloroethene	6.541	95	58627	5.611	ug/L	98
35) Methylcyclohexane	6.763	83	78834	5.099	ug/L	98
37) 1,2-Dichloropropane	6.789	63	58360	5.552	ug/L	99
38) Bromodichloromethane	7.104	83	71477	5.482	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	84041	5.549	ug/L	98
40) 4-Methyl-2-pentanone	7.789	43	367701	62.752	ug/L	99
42) Toluene	7.969	91	226237	5.408	ug/L	98
44) trans-1,3-Dichloropropene	8.210	75	67551	5.401	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	41757	5.886	ug/L	96
47) Tetrachloroethene	8.551	164	41489	5.526	ug/L	92
48) 2-Hexanone	8.682	43	283265	65.277	ug/L	98
49) Dibromochloromethane	8.808	129	45106	5.489	ug/L	91
50) 1,2-Dibromoethane	8.924	107	39226	5.744	ug/L #	99
51) Chlorobenzene	9.444	112	147136	5.403	ug/L	99
52) Ethylbenzene	9.570	91	252725	5.356	ug/L	99
53) m,p-Xylene	9.692	106	95266	5.387	ug/L	91
54) o-Xylene	10.100	106	94424	5.570	ug/L	96
55) Styrene	10.113	104	159594	5.711	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.782	83	54061	6.161	ug/L	96
59) Bromoform	10.290	173	24208	5.489	ug/L	97
60) Isopropylbenzene	10.483	105	259048	5.436	ug/L	99
61) 1,2,3-Trichloropropane	10.821	75	39767	6.016	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	217743	5.324	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	206159	5.433	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	122271	5.514	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	121085	5.459	ug/L	98
67) 1,2-Dichlorobenzene	12.210	146	113456	5.614	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	7849	6.129	ug/L	92
69) 1,3,5-Trichlorobenzene	13.219	180	84872	5.741	ug/L	97
70) 1,2,4-trichlorobenzene	13.840	180	67739	5.851	ug/L	100
71) Naphthalene	14.087	128	103787	5.958	ug/L #	97
72) 1,2,3-Trichlorobenzene	14.328	180	57463	5.990	ug/L	99

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

