

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055961.D
 Acq On : 28 Oct 2023 09:12
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005164

Quant Time: Oct 30 04:47:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	390570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	375756	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	196939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	154341	4.995	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.000%	
7) Chloroethane-d5	1.914	69	130972	5.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 108.800%	
11) 1,1-Dichloroethene-d2	2.567	65	70190	5.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 107.000%	
20) 2-Butanone-d5	4.624	46	311589	56.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 113.060%	
24) Chloroform-d	5.062	84	330389	5.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 115.400%	
26) 1,2-Dichloroethane-d4	5.698	65	149463	5.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 107.200%	
32) Benzene-d6	5.724	84	667118	5.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 119.200%	
36) 1,2-Dichloropropane-d6	6.689	67	200065	6.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 120.600%	
41) Toluene-d8	7.898	98	616101	6.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 121.400%	
43) trans-1,3-Dichloroprop...	8.177	79	72192	5.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 111.200%	
46) 2-Hexanone-d5	8.631	63	266553	80.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 161.820%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	141603	5.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 117.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	210958	5.741	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 114.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	100837	4.530	ug/L	96
3) Chloromethane	1.518	50	84694	3.985	ug/L	94
5) Vinyl chloride	1.605	62	99476	4.249	ug/L	98
6) Bromomethane	1.859	94	58037	4.002	ug/L	98
8) Chloroethane	1.933	64	61080	4.453	ug/L	96
9) Trichlorofluoromethane	2.139	101	146874	4.549	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	101640	4.792	ug/L	98
12) 1,1-Dichloroethene	2.579	96	86451	4.567	ug/L	88
13) Acetone	2.637	43	125966	40.105	ug/L	93
14) Carbon disulfide	2.792	76	206634	4.263	ug/L	100
15) Methyl Acetate	2.956	43	30301	4.735	ug/L	98
16) Methylene chloride	3.046	84	100318	4.677	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	211984	4.615	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	86912	4.631	ug/L	97
19) 1,1-Dichloroethane	3.866	63	177828	4.666	ug/L	98
21) 2-Butanone	4.708	43	190064	41.164	ug/L	91
22) cis-1,2-Dichloroethene	4.666	96	104757	4.610	ug/L	93
23) Bromochloromethane	4.975	128	44322	4.787	ug/L	90
25) Chloroform	5.084	83	189230	4.631	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	104643	4.359	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	163002	4.759	ug/L	98
30) Cyclohexane	5.386	56	131664	4.557	ug/L	98
31) Carbon tetrachloride	5.521	117	137561	4.709	ug/L	95
33) Benzene	5.772	78	397834	4.798	ug/L	100
34) Trichloroethene	6.541	95	108334	4.670	ug/L	97
35) Methylcyclohexane	6.763	83	149320	4.769	ug/L	96
37) 1,2-Dichloropropane	6.788	63	102574	4.659	ug/L	98
38) Bromodichloromethane	7.103	83	128668	4.655	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	151765	4.838	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	470618	44.341	ug/L	97
42) Toluene	7.968	91	425751	4.913	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	121363	4.793	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	73675	4.759	ug/L	93
47) Tetrachloroethene	8.550	164	83546	5.143	ug/L	94
48) 2-Hexanone	8.682	43	369028	44.220	ug/L	99
49) Dibromochloromethane	8.808	129	85565	5.035	ug/L	98
50) 1,2-Dibromoethane	8.923	107	67006	4.770	ug/L	97
51) Chlorobenzene	9.444	112	272757	4.802	ug/L	99
52) Ethylbenzene	9.570	91	468227	4.766	ug/L	99
53) m,p-Xylene	9.692	106	175529	4.781	ug/L	98
54) o-Xylene	10.100	106	171067	4.762	ug/L	98
55) Styrene	10.113	104	294234	5.110	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	87774	4.898	ug/L	98
59) Bromoform	10.290	173	46937	4.685	ug/L	98
60) Isopropylbenzene	10.483	105	479111	4.882	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	59257	4.383	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	380779	4.748	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	382038	5.128	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	228343	4.908	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	221706	4.775	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	204246	4.782	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	13002	5.389	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	165378	5.202	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	129149	5.496	ug/L	99
71) Naphthalene	14.087	128	173576	5.101	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	108839	5.373	ug/L	100

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

