

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055179.D
 Acq On : 07 Sep 2023 10:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005115

Quant Time: Sep 08 04:33:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166003	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	166530	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	93367	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	45264	5.818	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 116.400%	
7) Chloroethane-d5	1.908	69	49985	5.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 111.000%	
11) 1,1-Dichloroethene-d2	2.560	65	24281	5.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 109.600%	
20) 2-Butanone-d5	4.618	46	132307	58.601	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 117.200%	
24) Chloroform-d	5.059	84	115525	5.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 112.000%	
26) 1,2-Dichloroethane-d4	5.698	65	57426	5.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.200%	
32) Benzene-d6	5.724	84	226220	5.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.000%	
36) 1,2-Dichloropropane-d6	6.689	67	71920	5.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 110.000%	
41) Toluene-d8	7.898	98	211229	5.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.600%	
43) trans-1,3-Dichloroprop...	8.181	79	18977	5.271	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 105.400%	
46) 2-Hexanone-d5	8.631	63	84687	57.936	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 115.880%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54188	5.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 117.800%	
66) 1,2-Dichlorobenzene-d4	12.193	152	74330	5.454	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 109.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47012	4.874	ug/L	100
3) Chloromethane	1.518	50	50958	5.189	ug/L	98
5) Vinyl chloride	1.599	62	53786	5.192	ug/L	99
6) Bromomethane	1.853	94	31231	4.998	ug/L	99
8) Chloroethane	1.930	64	34365	5.094	ug/L	99
9) Trichlorofluoromethane	2.136	101	76884	5.103	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	47100	5.373	ug/L	97
12) 1,1-Dichloroethene	2.576	96	39061	5.090	ug/L	96
13) Acetone	2.621	43	78475	51.860	ug/L	97
14) Carbon disulfide	2.789	76	92175	4.904	ug/L	99
15) Methyl Acetate	2.949	43	15891	5.131	ug/L	94
16) Methylene chloride	3.039	84	51801	4.417	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	105638	5.248	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	39932	5.128	ug/L	99
19) 1,1-Dichloroethane	3.862	63	89073	5.293	ug/L	96
21) 2-Butanone	4.702	43	121004	54.426	ug/L	97
22) cis-1,2-Dichloroethene	4.666	96	48608	5.100	ug/L	90
23) Bromochloromethane	4.972	128	20253	5.167	ug/L	95
25) Chloroform	5.084	83	96290	5.494	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	58556	5.474	ug/L	96
29) 1,1,1-Trichloroethane	5.313	97	76216	5.291	ug/L	98
30) Cyclohexane	5.386	56	63264	4.939	ug/L	98
31) Carbon tetrachloride	5.522	117	60996	5.092	ug/L	95
33) Benzene	5.772	78	190694	5.380	ug/L	100
34) Trichloroethene	6.541	95	51072	5.185	ug/L	96
35) Methylcyclohexane	6.759	83	69300	5.014	ug/L	98
37) 1,2-Dichloropropane	6.788	63	52150	5.404	ug/L #	96
38) Bromodichloromethane	7.103	83	62506	5.425	ug/L	100
39) cis-1,3-Dichloropropene	7.608	75	70783	5.393	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	311748	56.638	ug/L	98
42) Toluene	7.968	91	204868	5.422	ug/L	96
44) trans-1,3-Dichloropropene	8.210	75	55008	5.340	ug/L	100
45) 1,1,2-Trichloroethane	8.399	97	35517	5.465	ug/L	97
47) Tetrachloroethene	8.554	164	36066	5.298	ug/L	95
48) 2-Hexanone	8.682	43	233931	54.259	ug/L	99
49) Dibromochloromethane	8.808	129	37536	5.291	ug/L	89
50) 1,2-Dibromoethane	8.923	107	33795	5.710	ug/L	85
51) Chlorobenzene	9.447	112	130974	5.234	ug/L	99
52) Ethylbenzene	9.570	91	222451	5.262	ug/L	99
53) m,p-Xylene	9.695	106	82309	5.262	ug/L	97
54) o-Xylene	10.100	106	81781	5.313	ug/L	96
55) Styrene	10.116	104	134268	5.282	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	45911	5.671	ug/L	97
59) Bromoform	10.290	173	19142	5.131	ug/L	93
60) Isopropylbenzene	10.483	105	222919	5.120	ug/L	100
61) 1,2,3-Trichloropropane	10.824	75	33848	5.463	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	182505	5.039	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	173862	4.871	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	105798	5.062	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	105072	5.044	ug/L	98
67) 1,2-Dichlorobenzene	12.213	146	97142	4.957	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.997	75	6216	5.208	ug/L	95
69) 1,3,5-Trichlorobenzene	13.219	180	74555	4.720	ug/L	99
70) 1,2,4-trichlorobenzene	13.840	180	61686	4.165	ug/L	96
71) Naphthalene	14.087	128	105278	3.911	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	55575	4.323	ug/L	99

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

