

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055132.D
 Acq On : 06 Sep 2023 09:24
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005110

Quant Time: Sep 06 20:39:39 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	188420	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	194386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	100236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38813	4.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.907	69	45423	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.563	65	23375	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.627	46	139269	54.346	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.700%
24) Chloroform-d	5.062	84	118118	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.701	65	59813	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.727	84	223639	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.688	67	71744	4.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.897	98	204013	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.180	79	16458	3.916	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.630	63	85188	49.927	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.860%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54191	5.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	70175	4.796	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52348	4.781	ug/L	98
3) Chloromethane	1.518	50	54966	4.931	ug/L	99
5) Vinyl chloride	1.599	62	57025	4.849	ug/L	98
6) Bromomethane	1.853	94	29887	4.214	ug/L	98
8) Chloroethane	1.930	64	35910	4.690	ug/L	95
9) Trichlorofluoromethane	2.132	101	82312	4.814	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	46276	4.651	ug/L	99
12) 1,1-Dichloroethene	2.576	96	40500	4.649	ug/L	95
13) Acetone	2.631	43	80235	46.715	ug/L	97
14) Carbon disulfide	2.788	76	99512	4.665	ug/L	99
15) Methyl Acetate	2.952	43	20092	5.715	ug/L	99
16) Methylene chloride	3.042	84	60753	4.564	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	115387	5.051	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	42217	4.777	ug/L	96
19) 1,1-Dichloroethane	3.865	63	93166	4.878	ug/L	97
21) 2-Butanone	4.705	43	125811	49.855	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	51866	4.794	ug/L	96
23) Bromochloromethane	4.971	128	22927	5.153	ug/L	95
25) Chloroform	5.087	83	97130	4.883	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	62606	5.156	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	79073	4.703	ug/L	99
30) Cyclohexane	5.386	56	65204	4.361	ug/L	99
31) Carbon tetrachloride	5.521	117	63728	4.558	ug/L	97
33) Benzene	5.772	78	196192	4.742	ug/L	100
34) Trichloroethene	6.541	95	54362	4.728	ug/L	96
35) Methylcyclohexane	6.762	83	66136	4.100	ug/L	97
37) 1,2-Dichloropropane	6.788	63	54531	4.841	ug/L	98
38) Bromodichloromethane	7.103	83	66196	4.922	ug/L	99
39) cis-1,3-Dichloropropene	7.608	75	58858	3.842	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	324177	50.456	ug/L	99
42) Toluene	7.968	91	209784	4.756	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	49713	4.134	ug/L	94
45) 1,1,2-Trichloroethane	8.399	97	39979	5.270	ug/L	96
47) Tetrachloroethene	8.550	164	36651	4.612	ug/L	97
48) 2-Hexanone	8.685	43	238810	47.453	ug/L	98
49) Dibromochloromethane	8.811	129	38561	4.656	ug/L	97
50) 1,2-Dibromoethane	8.923	107	35992	5.210	ug/L #	92
51) Chlorobenzene	9.447	112	133156	4.559	ug/L	99
52) Ethylbenzene	9.569	91	224989	4.560	ug/L	99
53) m,p-Xylene	9.695	106	82986	4.545	ug/L	96
54) o-Xylene	10.100	106	81334	4.527	ug/L	91
55) Styrene	10.113	104	133512	4.500	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.782	83	49157	5.202	ug/L	98
59) Bromoform	10.290	173	20765	5.185	ug/L	95
60) Isopropylbenzene	10.483	105	218836	4.682	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	34710	5.218	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	181613	4.671	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	163540	4.268	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	102535	4.570	ug/L	100
65) 1,4-Dichlorobenzene	11.836	146	101314	4.530	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	98156	4.666	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	6612	5.160	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.219	180	67854	4.002	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	53214	3.347	ug/L	97
71) Naphthalene	14.087	128	83720	2.897	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	47659	3.453	ug/L	98

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

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