

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
 Data File : VU061106.D
 Acq On : 11 Oct 2024 09:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005103

Quant Time: Oct 14 04:17:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172845	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	161491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78474	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	50372	4.076	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.911	69	44748	4.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.560	65	23402	4.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.624	46	149721	50.580	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.160%
24) Chloroform-d	5.055	84	109782	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.695	65	56622	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.721	84	208361	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.682	67	68817	4.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.891	98	189359	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.174	79	28371	4.745	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.627	63	124333	50.239	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.480%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53075	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	63836	5.087	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	40573	4.816	ug/L	99
3) Chloromethane	1.518	50	54428	4.474	ug/L	98
5) Vinyl chloride	1.602	62	59946	4.908	ug/L	99
6) Bromomethane	1.853	94	25190	3.866	ug/L	97
8) Chloroethane	1.930	64	38487	5.195	ug/L	99
9) Trichlorofluoromethane	2.136	101	84824	5.405	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	54852	5.292	ug/L	97
12) 1,1-Dichloroethene	2.576	96	52273	5.237	ug/L	93
13) Acetone	2.637	43	88144	46.301	ug/L	98
14) Carbon disulfide	2.788	76	171964	5.070	ug/L	99
15) Methyl Acetate	2.952	43	21359	4.608	ug/L	99
16) Methylene chloride	3.039	84	58229	5.082	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	142386	4.986	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	55162	5.042	ug/L	92
19) 1,1-Dichloroethane	3.859	63	109611	5.148	ug/L	99
21) 2-Butanone	4.701	43	150754	48.103	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	63910	5.245	ug/L	97
23) Bromochloromethane	4.965	128	25838	5.268	ug/L	90
25) Chloroform	5.078	83	112639	5.281	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	70016	4.984	ug/L #	93
29) 1,1,1-Trichloroethane	5.306	97	95084	5.088	ug/L	98
30) Cyclohexane	5.380	56	103190	4.957	ug/L	95
31) Carbon tetrachloride	5.518	117	82951	5.230	ug/L	100
33) Benzene	5.766	78	247277	5.194	ug/L	100
34) Trichloroethene	6.534	95	64575	5.004	ug/L	97
35) Methylcyclohexane	6.756	83	108306	5.197	ug/L	99
37) 1,2-Dichloropropane	6.782	63	65991	5.260	ug/L #	97
38) Bromodichloromethane	7.097	83	80524	5.134	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	98450	5.005	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	382225	47.566	ug/L	96
42) Toluene	7.962	91	264639	5.218	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	81474	5.009	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	42176	5.073	ug/L	97
47) Tetrachloroethene	8.547	164	45787	5.452	ug/L	96
48) 2-Hexanone	8.679	43	267630	48.038	ug/L	97
49) Dibromochloromethane	8.801	129	50407	5.211	ug/L	97
50) 1,2-Dibromoethane	8.917	107	40675	5.168	ug/L #	96
51) Chlorobenzene	9.441	112	164206	5.315	ug/L	95
52) Ethylbenzene	9.563	91	298551	5.194	ug/L	97
53) m,p-Xylene	9.688	106	108786	5.189	ug/L	91
54) o-Xylene	10.093	106	106647	5.170	ug/L	92
55) Styrene	10.110	104	172083	5.169	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	52340	5.010	ug/L	94
59) Bromoform	10.283	173	27230	5.055	ug/L	96
60) Isopropylbenzene	10.476	105	269500	5.135	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	37649	4.884	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	232854	5.034	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	235056	5.035	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	121017	5.379	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	117896	5.302	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	110559	5.318	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	7746	4.607	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.212	180	85333	5.387	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	66624	5.489	ug/L	97
71) Naphthalene	14.080	128	107799	5.436	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	53742	5.320	ug/L	98

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

