

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092524\
 Data File : VU060996.D
 Acq On : 25 Sep 2024 11:25
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005091

Quant Time: Sep 26 05:30:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 25 04:46:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	153384	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	160498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77277	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53243	3.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.907	69	41900	4.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	19926	4.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.634	46	109748	49.553	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.100%
24) Chloroform-d	5.055	84	95021	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	45100	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.721	84	175532	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.682	67	58395	4.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	159605	4.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.174	79	21916	4.574	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.627	63	90791	48.041	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46772	4.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	55442	4.270	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	50518	4.363	ug/L	99
3) Chloromethane	1.515	50	56946	4.656	ug/L	95
5) Vinyl chloride	1.599	62	62073	4.689	ug/L	96
6) Bromomethane	1.853	94	32816	3.879	ug/L	96
8) Chloroethane	1.930	64	37426	4.628	ug/L	99
9) Trichlorofluoromethane	2.132	101	85954	4.728	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48588	4.599	ug/L	98
12) 1,1-Dichloroethene	2.573	96	42054	4.359	ug/L	92
13) Acetone	2.657	43	75430	51.050	ug/L	99
14) Carbon disulfide	2.785	76	111579	4.169	ug/L	100
15) Methyl Acetate	2.959	43	16810	4.666	ug/L	93
16) Methylene chloride	3.039	84	51472	4.607	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	99185	4.549	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	42926	4.294	ug/L	97
19) 1,1-Dichloroethane	3.859	63	92896	4.628	ug/L	98
21) 2-Butanone	4.714	43	114949	47.791	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	49527	4.476	ug/L	99
23) Bromochloromethane	4.965	128	22911	4.384	ug/L	96
25) Chloroform	5.078	83	97393	4.653	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	56522	4.660	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	81298	4.692	ug/L	98
30) Cyclohexane	5.380	56	61987	4.352	ug/L	96
31) Carbon tetrachloride	5.518	117	71651	4.671	ug/L	99
33) Benzene	5.766	78	200692	4.547	ug/L	100
34) Trichloroethene	6.534	95	51815	4.479	ug/L	98
35) Methylcyclohexane	6.756	83	67773	4.270	ug/L	98
37) 1,2-Dichloropropane	6.782	63	54758	4.503	ug/L #	98
38) Bromodichloromethane	7.097	83	68621	4.600	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	73837	4.565	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	274366	48.316	ug/L	98
42) Toluene	7.962	91	217438	4.712	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	63073	4.742	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	39113	4.455	ug/L	95
47) Tetrachloroethene	8.547	164	38778	4.218	ug/L	97
48) 2-Hexanone	8.679	43	211562	51.112	ug/L	98
49) Dibromochloromethane	8.801	129	45005	4.503	ug/L	99
50) 1,2-Dibromoethane	8.917	107	36063	4.603	ug/L	95
51) Chlorobenzene	9.441	112	134296	4.334	ug/L	96
52) Ethylbenzene	9.563	91	218522	4.499	ug/L	99
53) m,p-Xylene	9.688	106	81593	4.430	ug/L	97
54) o-Xylene	10.094	106	78882	4.340	ug/L	96
55) Styrene	10.106	104	135631	4.427	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	50068	4.572	ug/L	98
59) Bromoform	10.283	173	26647	4.575	ug/L	97
60) Isopropylbenzene	10.476	105	214921	4.693	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	34331	4.763	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	159172	4.472	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	159079	4.523	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	106046	4.605	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	104189	4.377	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	98379	4.518	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	6484	4.607	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	74734	4.339	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	53632	4.420	ug/L	97
71) Naphthalene	14.081	128	69791	4.361	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	46916	4.476	ug/L	99

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

