

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112624\
 Data File : VU062034.D
 Acq On : 26 Nov 2024 09:15
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005165

Quant Time: Nov 27 04:00:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	140593	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	129318	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30636	4.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.907	69	22077	3.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.560	65	13478	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.618	46	66673	30.787	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.580%
24) Chloroform-d	5.055	84	67225	3.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.695	65	32909	3.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
32) Benzene-d6	5.717	84	119560	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.682	67	36308	4.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.891	98	115590	5.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
43) trans-1,3-Dichloroprop...	8.174	79	15381	4.853	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.624	63	46141	31.895	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.800%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	29527	3.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	39813	4.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	62696	5.097	ug/L	98
3) Chloromethane	1.518	50	50803	4.007	ug/L	97
5) Vinyl chloride	1.602	62	53350	4.096	ug/L	98
6) Bromomethane	1.853	94	30080	3.879	ug/L	97
8) Chloroethane	1.927	64	30368	3.616	ug/L	98
9) Trichlorofluoromethane	2.132	101	85957	5.217	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48142	4.748	ug/L	92
12) 1,1-Dichloroethene	2.573	96	43201	4.582	ug/L	91
13) Acetone	2.624	43	62502	41.802	ug/L	93
14) Carbon disulfide	2.788	76	131659	4.390	ug/L	99
15) Methyl Acetate	2.946	43	15932	4.150	ug/L	93
16) Methylene chloride	3.039	84	47313	4.179	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	112913	4.673	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	45019	4.517	ug/L	93
19) 1,1-Dichloroethane	3.859	63	85776	4.418	ug/L	99
21) 2-Butanone	4.695	43	99193	41.048	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	52576	4.687	ug/L	93
23) Bromochloromethane	4.965	128	22249	4.563	ug/L	90
25) Chloroform	5.078	83	95977	4.729	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	59163	4.532	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	86023	5.771	ug/L	96
30) Cyclohexane	5.380	56	76957	4.936	ug/L	98
31) Carbon tetrachloride	5.515	117	78157	6.175	ug/L	100
33) Benzene	5.766	78	197514	5.058	ug/L	100
34) Trichloroethene	6.534	95	55116	5.288	ug/L	99
35) Methylcyclohexane	6.753	83	82208	5.156	ug/L	98
37) 1,2-Dichloropropane	6.782	63	50501	4.977	ug/L	99
38) Bromodichloromethane	7.097	83	66614	5.414	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	76341	5.366	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	247553	45.219	ug/L #	94
42) Toluene	7.962	91	215093	5.248	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	62865	5.564	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	38033	5.088	ug/L	96
47) Tetrachloroethene	8.547	164	42901	5.659	ug/L	94
48) 2-Hexanone	8.675	43	174089	42.461	ug/L #	94
49) Dibromochloromethane	8.801	129	44292	5.609	ug/L	94
50) 1,2-Dibromoethane	8.917	107	36166	4.875	ug/L #	95
51) Chlorobenzene	9.441	112	134112	4.778	ug/L	99
52) Ethylbenzene	9.563	91	238810	4.869	ug/L	99
53) m,p-Xylene	9.685	106	89526	5.173	ug/L	100
54) o-Xylene	10.093	106	86907	4.975	ug/L	100
55) Styrene	10.106	104	141177	4.906	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	44261	4.621	ug/L	97
59) Bromoform	10.280	173	26247	5.249	ug/L #	99
60) Isopropylbenzene	10.476	105	238598	4.550	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	31306	4.026	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	199779	4.775	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	196337	4.707	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	107206	4.605	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	105690	4.690	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	99493	4.914	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7130	5.373	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	79625	5.748	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	59554	5.609	ug/L	98
71) Naphthalene	14.080	128	76789	4.487	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	49295	5.391	ug/L	99

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

