

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062203.D
 Acq On : 10 Dec 2024 10:33
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005177

Quant Time: Dec 10 15:36:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:32:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91609	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41515	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28275	4.576	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.907	69	22633	5.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.560	65	13181	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.624	46	73590	62.142	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.280%
24) Chloroform-d	5.052	84	69796	5.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.692	65	38051	5.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.800%
32) Benzene-d6	5.718	84	121216	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.682	67	36070	5.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.888	98	109653	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.174	79	15614	5.143	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.627	63	58873	64.273	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.540%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	33270	6.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.000%#
66) 1,2-Dichlorobenzene-d4	12.184	152	40864	5.342	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	38540	4.491	ug/L	97
3) Chloromethane	1.518	50	34621	5.147	ug/L	98
5) Vinyl chloride	1.599	62	34346	4.904	ug/L #	80
6) Bromomethane	1.853	94	20181	4.323	ug/L	98
8) Chloroethane	1.927	64	19711	5.025	ug/L	93
9) Trichlorofluoromethane	2.129	101	56791	4.672	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27721	4.190	ug/L	92
12) 1,1-Dichloroethene	2.573	96	28243	4.566	ug/L	91
13) Acetone	2.641	43	51295	63.618	ug/L	96
14) Carbon disulfide	2.785	76	84954	4.343	ug/L	99
15) Methyl Acetate	2.952	43	13276	6.570	ug/L #	90
16) Methylene chloride	3.036	84	36674	5.648	ug/L	87
17) Methyl tert-butyl Ether	3.358	73	89464	5.806	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	30731	4.836	ug/L	93
19) 1,1-Dichloroethane	3.859	63	60629	5.205	ug/L	99
21) 2-Butanone	4.705	43	74563	63.677	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	37177	5.219	ug/L	95
23) Bromochloromethane	4.968	128	18151	5.813	ug/L #	80
25) Chloroform	5.078	83	71356	5.438	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	46987	5.635	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	60449	5.134	ug/L	94
30) Cyclohexane	5.380	56	36623	3.836	ug/L	91
31) Carbon tetrachloride	5.515	117	51607	4.780	ug/L	99
33) Benzene	5.766	78	132548	5.110	ug/L	100
34) Trichloroethene	6.534	95	36167	4.922	ug/L	98
35) Methylcyclohexane	6.753	83	41156	3.778	ug/L	95
37) 1,2-Dichloropropane	6.782	63	34152	5.407	ug/L	99
38) Bromodichloromethane	7.097	83	50306	5.645	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	50519	4.989	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	187321	63.273	ug/L #	92
42) Toluene	7.962	91	135927	4.860	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	44077	5.331	ug/L	96
45) 1,1,2-Trichloroethane	8.389	97	28498	5.976	ug/L	97
47) Tetrachloroethene	8.547	164	25741	4.537	ug/L	92
48) 2-Hexanone	8.676	43	140699	64.307	ug/L #	95
49) Dibromochloromethane	8.801	129	34549	5.996	ug/L	96
50) 1,2-Dibromoethane	8.917	107	27932	6.096	ug/L #	97
51) Chlorobenzene	9.438	112	88773	4.953	ug/L	96
52) Ethylbenzene	9.563	91	140064	4.466	ug/L	100
53) m,p-Xylene	9.685	106	53327	4.606	ug/L	94
54) o-Xylene	10.090	106	54679	4.856	ug/L	95
55) Styrene	10.106	104	90837	4.894	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	33796	6.089	ug/L #	98
59) Bromoform	10.283	173	20730	6.354	ug/L	99
60) Isopropylbenzene	10.476	105	137052	4.570	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	23977	6.246	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	117095	4.614	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	114750	4.615	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	69129	5.018	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	67652	4.877	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	65583	5.152	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5556	6.635	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.212	180	47580	4.646	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	38384	4.747	ug/L	99
71) Naphthalene	14.081	128	65796	5.419	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	35770	5.017	ug/L	99

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

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