

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061657.D
 Acq On : 14 Nov 2024 05:29
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005151

Quant Time: Nov 14 05:50:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 04:06:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	171229	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	156857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51650	4.669	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.911	69	47678	5.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.560	65	21457	4.323	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.628	46	131413	55.963	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.920%
24) Chloroform-d	5.052	84	113270	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.692	65	56347	5.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.718	84	219653	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.682	67	68381	5.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.888	98	195300	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.171	79	23114	4.903	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.627	63	112634	60.462	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	55480	5.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	66757	5.060	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	48486	3.810	ug/L	99
3) Chloromethane	1.518	50	60547	5.244	ug/L	97
5) Vinyl chloride	1.602	62	59450	4.666	ug/L	100
6) Bromomethane	1.856	94	38585	5.075	ug/L	100
8) Chloroethane	1.930	64	46136	5.220	ug/L	97
9) Trichlorofluoromethane	2.133	101	74228	3.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	41628	3.760	ug/L	100
12) 1,1-Dichloroethene	2.576	96	45995	4.450	ug/L	91
13) Acetone	2.647	43	87587	59.203	ug/L	98
14) Carbon disulfide	2.788	76	130473	3.930	ug/L	99
15) Methyl Acetate	2.952	43	21191	5.733	ug/L	100
16) Methylene chloride	3.039	84	66874	5.614	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	151243	5.970	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	52405	4.622	ug/L	99
19) 1,1-Dichloroethane	3.859	63	104429	5.052	ug/L	98
21) 2-Butanone	4.705	43	143301	59.309	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	66017	5.163	ug/L	98
23) Bromochloromethane	4.965	128	31032	5.464	ug/L	99
25) Chloroform	5.078	83	114180	5.241	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	74857	5.475	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	80408	4.505	ug/L	98
30) Cyclohexane	5.377	56	63030	3.535	ug/L	95
31) Carbon tetrachloride	5.515	117	61914	4.073	ug/L	100
33) Benzene	5.763	78	240116	5.058	ug/L	100
34) Trichloroethene	6.534	95	56865	4.436	ug/L	95
35) Methylcyclohexane	6.753	83	68074	3.521	ug/L	98
37) 1,2-Dichloropropane	6.782	63	65540	5.442	ug/L	99
38) Bromodichloromethane	7.097	83	74551	5.159	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	85320	4.978	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	361265	62.560	ug/L	100
42) Toluene	7.962	91	235278	4.603	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	68119	5.010	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	49604	5.650	ug/L	98
47) Tetrachloroethene	8.544	164	37490	3.892	ug/L	99
48) 2-Hexanone	8.679	43	261239	63.270	ug/L	98
49) Dibromochloromethane	8.801	129	48894	5.311	ug/L	99
50) 1,2-Dibromoethane	8.914	107	46972	5.672	ug/L	99
51) Chlorobenzene	9.438	112	150201	4.565	ug/L	99
52) Ethylbenzene	9.563	91	228950	4.205	ug/L	100
53) m,p-Xylene	9.685	106	88919	4.268	ug/L	100
54) o-Xylene	10.090	106	89261	4.408	ug/L	98
55) Styrene	10.106	104	145667	4.518	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	60246	5.639	ug/L	94
59) Bromoform	10.280	173	25884	5.279	ug/L	99
60) Isopropylbenzene	10.476	105	216579	4.216	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	41784	5.988	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	172202	4.187	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	169892	4.244	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	103590	4.397	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	104249	4.358	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	102216	4.665	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6881	5.647	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	69001	4.195	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	55457	4.350	ug/L	98
71) Naphthalene	14.081	128	86754	4.740	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	47860	4.472	ug/L	97

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

