

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061515.D
 Acq On : 07 Nov 2024 10:07
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005127

Quant Time: Nov 08 00:19:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 07 00:10:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	168867	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	159096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77558	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39626	3.454	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.907	69	46032	4.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.560	65	19442	3.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.624	46	116578	50.055	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.120%
24) Chloroform-d	5.052	84	101804	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	50741	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.717	84	198264	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.682	67	61900	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.891	98	181229	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.174	79	22054	4.009	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.627	63	104013	46.161	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50196	4.925	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	60303	4.391	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	52949	4.703	ug/L	99
3) Chloromethane	1.518	50	49835	4.198	ug/L	99
5) Vinyl chloride	1.599	62	57511	4.406	ug/L	98
6) Bromomethane	1.853	94	37878	4.379	ug/L	100
8) Chloroethane	1.930	64	48898	5.088	ug/L	98
9) Trichlorofluoromethane	2.132	101	86857	4.899	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54119	5.141	ug/L	99
12) 1,1-Dichloroethene	2.573	96	50033	5.011	ug/L	89
13) Acetone	2.637	43	74731	50.661	ug/L	98
14) Carbon disulfide	2.788	76	133222	3.999	ug/L	100
15) Methyl Acetate	2.952	43	19343	5.295	ug/L	100
16) Methylene chloride	3.039	84	58042	4.933	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	130751	4.832	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	52780	4.781	ug/L	98
19) 1,1-Dichloroethane	3.859	63	105467	5.065	ug/L	99
21) 2-Butanone	4.701	43	121663	52.026	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	62921	4.990	ug/L	98
23) Bromochloromethane	4.968	128	28196	5.314	ug/L	97
25) Chloroform	5.078	83	114051	5.210	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68064	4.920	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	94042	4.827	ug/L	99
30) Cyclohexane	5.380	56	84952	4.347	ug/L	98
31) Carbon tetrachloride	5.518	117	77874	4.671	ug/L	98
33) Benzene	5.766	78	243999	4.959	ug/L	100
34) Trichloroethene	6.534	95	64257	4.801	ug/L	97
35) Methylcyclohexane	6.753	83	94280	4.426	ug/L	99
37) 1,2-Dichloropropane	6.782	63	62995	5.051	ug/L	100
38) Bromodichloromethane	7.097	83	76720	4.861	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	91363	4.743	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	315066	50.759	ug/L	99
42) Toluene	7.962	91	265401	4.967	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	73023	4.653	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	46999	5.237	ug/L	98
47) Tetrachloroethene	8.547	164	46825	5.009	ug/L	98
48) 2-Hexanone	8.676	43	221762	50.523	ug/L	97
49) Dibromochloromethane	8.801	129	48341	4.749	ug/L	95
50) 1,2-Dibromoethane	8.917	107	44299	5.081	ug/L	98
51) Chlorobenzene	9.441	112	171090	5.066	ug/L	97
52) Ethylbenzene	9.563	91	284199	4.835	ug/L	99
53) m,p-Xylene	9.688	106	106640	4.763	ug/L	98
54) o-Xylene	10.093	106	105905	4.792	ug/L	96
55) Styrene	10.106	104	174963	4.939	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	57670	5.332	ug/L	99
59) Bromoform	10.283	173	25576	4.455	ug/L	99
60) Isopropylbenzene	10.476	105	285502	4.819	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	39568	5.121	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	222125	4.605	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	219942	4.613	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	127160	5.100	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	124552	4.900	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	118613	5.054	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7427	4.578	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	86792	5.078	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	69617	5.047	ug/L	97
71) Naphthalene	14.080	128	98301	4.516	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	58008	5.027	ug/L	99

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

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