

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062464.D
 Acq On : 19 Dec 2024 10:03
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005197

Quant Time: Dec 20 00:31:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 01:28:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	87043	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	82481	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23989	4.086	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.907	69	18236	4.367	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.560	65	12315	4.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.624	46	44308	39.378	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.760%
24) Chloroform-d	5.052	84	58261	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.695	65	29707	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.718	84	101320	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.682	67	26855	3.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.891	98	97828	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.174	79	13214	4.417	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.627	63	34103	37.783	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.560%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	21294	4.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	35407	4.501	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	37414	4.589	ug/L	100
3) Chloromethane	1.515	50	24630	3.854	ug/L	99
5) Vinyl chloride	1.599	62	27702	4.163	ug/L	98
6) Bromomethane	1.853	94	20331	4.584	ug/L	97
8) Chloroethane	1.930	64	16470	4.419	ug/L	96
9) Trichlorofluoromethane	2.133	101	59588	5.159	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30579	4.864	ug/L	93
12) 1,1-Dichloroethene	2.573	96	26137	4.447	ug/L	86
13) Acetone	2.641	43	34159	44.587	ug/L	98
14) Carbon disulfide	2.785	76	71493	3.847	ug/L	100
15) Methyl Acetate	2.952	43	7418	3.863	ug/L #	88
16) Methylene chloride	3.036	84	27369	4.436	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	65739	4.490	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	27246	4.512	ug/L	91
19) 1,1-Dichloroethane	3.859	63	49349	4.459	ug/L	97
21) 2-Butanone	4.705	43	47910	43.062	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	30124	4.451	ug/L	96
23) Bromochloromethane	4.965	128	14328	4.829	ug/L #	71
25) Chloroform	5.078	83	60971	4.890	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	37549	4.739	ug/L #	95
29) 1,1,1-Trichloroethane	5.306	97	58139	5.011	ug/L	95
30) Cyclohexane	5.377	56	37992	4.038	ug/L	90
31) Carbon tetrachloride	5.515	117	52949	4.977	ug/L	98
33) Benzene	5.766	78	111467	4.361	ug/L	100
34) Trichloroethene	6.534	95	34372	4.747	ug/L	95
35) Methylcyclohexane	6.753	83	46358	4.318	ug/L	95
37) 1,2-Dichloropropane	6.782	63	27422	4.405	ug/L #	93
38) Bromodichloromethane	7.097	83	42754	4.868	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	44995	4.510	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	126101	43.225	ug/L #	93
42) Toluene	7.962	91	127281	4.618	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	38577	4.735	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	21271	4.527	ug/L	95
47) Tetrachloroethene	8.544	164	27193	4.864	ug/L	92
48) 2-Hexanone	8.676	43	91091	42.250	ug/L #	96
49) Dibromochloromethane	8.801	129	28118	4.953	ug/L	96
50) 1,2-Dibromoethane	8.917	107	20988	4.648	ug/L #	95
51) Chlorobenzene	9.438	112	81400	4.609	ug/L	96
52) Ethylbenzene	9.563	91	142291	4.605	ug/L	100
53) m,p-Xylene	9.685	106	52711	4.620	ug/L	91
54) o-Xylene	10.094	106	52382	4.721	ug/L	97
55) Styrene	10.106	104	86708	4.740	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	24597	4.498	ug/L #	99
59) Bromoform	10.283	173	16854	5.024	ug/L	99
60) Isopropylbenzene	10.476	105	146146	4.739	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	18139	4.595	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	123421	4.730	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	119690	4.681	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	67529	4.767	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	67255	4.715	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	61926	4.731	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	4414	5.127	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	49665	4.717	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	36304	4.367	ug/L	97
71) Naphthalene	14.081	128	50760	4.066	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	31462	4.291	ug/L	98

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

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