

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061887.D
 Acq On : 20 Nov 2024 23:54
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005153

Quant Time: Nov 21 01:37:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:18:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	178703	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	165334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38313	4.371	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.904	69	35336	4.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.557	65	15573	4.447	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.611	46	156788	56.959	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.920%
24) Chloroform-d	5.052	84	103678	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.692	65	54534	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.717	84	165231	5.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.679	67	59865	5.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.400%
41) Toluene-d8	7.888	98	137745	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	8.174	79	21846	5.391	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.800%
46) 2-Hexanone-d5	8.621	63	107597	58.175	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.340%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	58426	5.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	56476	4.897	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	63793	4.080	ug/L	100
3) Chloromethane	1.518	50	74015	4.593	ug/L	100
5) Vinyl chloride	1.599	62	73189	4.420	ug/L	99
6) Bromomethane	1.843	94	44329	4.498	ug/L	98
8) Chloroethane	1.923	64	46947	4.398	ug/L	100
9) Trichlorofluoromethane	2.129	101	88499	4.226	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	50613	3.927	ug/L	98
12) 1,1-Dichloroethene	2.570	96	51931	4.333	ug/L	98
13) Acetone	2.618	43	97063	51.072	ug/L	95
14) Carbon disulfide	2.782	76	153433	4.025	ug/L	99
15) Methyl Acetate	2.946	43	25518	5.229	ug/L	97
16) Methylene chloride	3.036	84	64617	4.490	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	153407	4.994	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	56116	4.430	ug/L	95
19) 1,1-Dichloroethane	3.856	63	113340	4.593	ug/L	100
21) 2-Butanone	4.689	43	165465	53.870	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	66935	4.695	ug/L	97
23) Bromochloromethane	4.965	128	29803	4.809	ug/L	98
25) Chloroform	5.078	83	119518	4.633	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	80289	4.838	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	94623	4.965	ug/L	99
30) Cyclohexane	5.377	56	83844	4.206	ug/L	98
31) Carbon tetrachloride	5.515	117	76667	4.738	ug/L	97
33) Benzene	5.762	78	253628	5.080	ug/L	100
34) Trichloroethene	6.534	95	64960	4.875	ug/L	97
35) Methylcyclohexane	6.753	83	84872	4.163	ug/L	98
37) 1,2-Dichloropropane	6.782	63	67544	5.207	ug/L	99
38) Bromodichloromethane	7.097	83	80475	5.115	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	91516	5.031	ug/L	98
40) 4-Methyl-2-pentanone	7.778	43	410284	58.619	ug/L	100
42) Toluene	7.962	91	262333	5.007	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	73535	5.091	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	51765	5.417	ug/L	99
47) Tetrachloroethene	8.547	164	41431	4.275	ug/L	97
48) 2-Hexanone	8.672	43	301685	57.554	ug/L	97
49) Dibromochloromethane	8.801	129	50606	5.013	ug/L	94
50) 1,2-Dibromoethane	8.913	107	48179	5.080	ug/L	98
51) Chlorobenzene	9.438	112	158923	4.428	ug/L	99
52) Ethylbenzene	9.563	91	265420	4.233	ug/L	99
53) m,p-Xylene	9.685	106	99811	4.511	ug/L	99
54) o-Xylene	10.093	106	99433	4.452	ug/L	93
55) Styrene	10.106	104	166143	4.515	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	63947	5.222	ug/L	99
59) Bromoform	10.280	173	26877	4.635	ug/L	99
60) Isopropylbenzene	10.476	105	281376	4.627	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	45180	5.011	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	196696	4.054	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	198848	4.111	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	112380	4.163	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	114064	4.365	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	109584	4.667	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	9973	6.481	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	85825	5.343	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	55726	4.526	ug/L	99
71) Naphthalene	14.084	128	90863	4.579	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	48545	4.578	ug/L	99

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

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