

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121224\
 Data File : VU062296.D
 Acq On : 12 Dec 2024 18:33
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005184

Quant Time: Dec 13 00:21:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 13 00:13:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	95200	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45457	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23191	3.611	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.907	69	19517	4.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.557	65	11741	3.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	4.624	46	64242	52.202	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.400%
24) Chloroform-d	5.052	84	65421	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.692	65	33077	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.718	84	107701	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.679	67	33012	4.534	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.888	98	100082	4.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.171	79	14602	4.556	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.624	63	49697	51.401	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28535	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	39164	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	44135	4.949	ug/L	99
3) Chloromethane	1.515	50	35299	5.050	ug/L	99
5) Vinyl chloride	1.599	62	37935	5.213	ug/L	100
6) Bromomethane	1.853	94	24347	5.019	ug/L	100
8) Chloroethane	1.930	64	21918	5.377	ug/L	100
9) Trichlorofluoromethane	2.132	101	65791	5.208	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	34127	4.964	ug/L	90
12) 1,1-Dichloroethene	2.573	96	32522	5.060	ug/L	90
13) Acetone	2.647	43	46341	55.305	ug/L	96
14) Carbon disulfide	2.785	76	97632	4.803	ug/L	99
15) Methyl Acetate	2.952	43	11160	5.314	ug/L	90
16) Methylene chloride	3.036	84	36302	5.380	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	86737	5.417	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	35929	5.440	ug/L	92
19) 1,1-Dichloroethane	3.859	63	65776	5.434	ug/L	98
21) 2-Butanone	4.708	43	68988	56.694	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	40259	5.439	ug/L	96
23) Bromochloromethane	4.965	128	17670	5.446	ug/L #	86
25) Chloroform	5.078	83	74544	5.467	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	46960	5.419	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	67969	5.469	ug/L	95
30) Cyclohexane	5.377	56	47375	4.701	ug/L	91
31) Carbon tetrachloride	5.515	117	60498	5.308	ug/L	100
33) Benzene	5.763	78	145675	5.321	ug/L	100
34) Trichloroethene	6.534	95	40704	5.248	ug/L	97
35) Methylcyclohexane	6.753	83	55320	4.811	ug/L	95
37) 1,2-Dichloropropane	6.782	63	35440	5.315	ug/L	100
38) Bromodichloromethane	7.097	83	53067	5.641	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	56462	5.283	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	173746	55.600	ug/L #	92
42) Toluene	7.962	91	159146	5.390	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	48097	5.511	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	27892	5.541	ug/L	96
47) Tetrachloroethene	8.544	164	31558	5.270	ug/L	94
48) 2-Hexanone	8.676	43	129789	56.200	ug/L #	95
49) Dibromochloromethane	8.801	129	35425	5.825	ug/L	96
50) 1,2-Dibromoethane	8.917	107	27246	5.633	ug/L #	98
51) Chlorobenzene	9.438	112	101599	5.371	ug/L	99
52) Ethylbenzene	9.563	91	173421	5.239	ug/L	99
53) m,p-Xylene	9.685	106	66646	5.453	ug/L	96
54) o-Xylene	10.090	106	63974	5.382	ug/L	99
55) Styrene	10.106	104	108841	5.555	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	32754	5.591	ug/L	99
59) Bromoform	10.283	173	20826	5.830	ug/L	97
60) Isopropylbenzene	10.476	105	173142	5.273	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	23280	5.538	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	148196	5.333	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	144800	5.318	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	83367	5.527	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	80531	5.302	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	77450	5.556	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5520	6.020	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	61821	5.513	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	48989	5.534	ug/L	97
71) Naphthalene	14.081	128	73629	5.539	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	42331	5.422	ug/L	98

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

