

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062558.D
 Acq On : 21 Dec 2024 07:01
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005083

Quant Time: Dec 21 07:13:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 23:41:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	118730	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	108922	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	57025	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30245	3.777	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.911	69	25126	4.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.560	65	14884	3.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.631	46	65835	42.895	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.780%
24) Chloroform-d	5.052	84	74220	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.692	65	39317	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.717	84	131278	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.679	67	36396	4.055	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.888	98	126165	4.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.174	79	15473	3.916	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.624	63	52094	43.704	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30341	4.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	46728	4.447	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	41881	3.766	ug/L	99
3) Chloromethane	1.515	50	35819	4.109	ug/L	99
5) Vinyl chloride	1.599	62	37668	4.150	ug/L	96
6) Bromomethane	1.853	94	24470	4.045	ug/L	96
8) Chloroethane	1.930	64	22451	4.416	ug/L	99
9) Trichlorofluoromethane	2.132	101	79505	5.047	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	34681	4.044	ug/L #	87
12) 1,1-Dichloroethene	2.573	96	33577	4.188	ug/L	91
13) Acetone	2.650	43	48585	46.492	ug/L	97
14) Carbon disulfide	2.785	76	89529	3.532	ug/L	99
15) Methyl Acetate	2.952	43	11071	4.227	ug/L #	86
16) Methylene chloride	3.036	84	37205	4.421	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	95917	4.803	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	35066	4.257	ug/L	93
19) 1,1-Dichloroethane	3.856	63	66498	4.405	ug/L	95
21) 2-Butanone	4.708	43	74130	48.846	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	41077	4.449	ug/L	93
23) Bromochloromethane	4.965	128	19975	4.936	ug/L #	78
25) Chloroform	5.078	83	79880	4.697	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	51581	4.773	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	69897	4.562	ug/L	96
30) Cyclohexane	5.377	56	46706	3.759	ug/L	88
31) Carbon tetrachloride	5.515	117	62117	4.421	ug/L	96
33) Benzene	5.766	78	147826	4.379	ug/L	100
34) Trichloroethene	6.531	95	633160	66.219	ug/L	97
35) Methylcyclohexane	6.753	83	53074	3.744	ug/L	94
37) 1,2-Dichloropropane	6.779	63	36658	4.460	ug/L	100
38) Bromodichloromethane	7.094	83	55195	4.759	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	55391	4.204	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	183301	47.580	ug/L #	91
42) Toluene	7.959	91	170012	4.671	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	46005	4.276	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	30297	4.882	ug/L	95
47) Tetrachloroethene	8.544	164	42382	5.741	ug/L	93
48) 2-Hexanone	8.676	43	131789	46.288	ug/L #	94
49) Dibromochloromethane	8.801	129	37040	4.940	ug/L	96
50) 1,2-Dibromoethane	8.914	107	29444	4.938	ug/L #	92
51) Chlorobenzene	9.438	112	105611	4.528	ug/L	97
52) Ethylbenzene	9.560	91	184441	4.520	ug/L	99
53) m,p-Xylene	9.685	106	68671	4.558	ug/L	94
54) o-Xylene	10.090	106	68524	4.676	ug/L	100
55) Styrene	10.106	104	113065	4.681	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	34301	4.749	ug/L #	95
59) Bromoform	10.280	173	21791	4.863	ug/L	98
60) Isopropylbenzene	10.473	105	187532	4.552	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	25406	4.818	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	160816	4.613	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	159160	4.660	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	85185	4.502	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	84670	4.443	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	80890	4.626	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5854	5.090	ug/L	89
69) 1,3,5-Trichlorobenzene	13.209	180	63198	4.493	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	47766	4.301	ug/L	96
71) Naphthalene	14.081	128	70125	4.205	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	41389	4.226	ug/L	99

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

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