

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062610.D
 Acq On : 27 Dec 2024 11:50
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005089

Quant Time: Dec 27 21:51:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 01:06:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	104359	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	49654	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	24649	3.502	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.904	69	19946	3.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.557	65	12809	3.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.618	46	61888	45.876	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.760%
24) Chloroform-d	5.049	84	65823	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.689	65	35744	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.715	84	113985	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.679	67	33841	4.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.888	98	113099	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.171	79	16386	4.612	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.624	63	56667	52.866	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28262	4.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	43720	4.778	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.377	85	41891	4.285	ug/L	98
3) Chloromethane	1.512	50	28334	3.698	ug/L	94
5) Vinyl chloride	1.596	62	33975	4.259	ug/L	100
6) Bromomethane	1.850	94	25197	4.738	ug/L	97
8) Chloroethane	1.924	64	19422	4.346	ug/L	97
9) Trichlorofluoromethane	2.129	101	73332	5.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	37375	4.959	ug/L	89
12) 1,1-Dichloroethene	2.570	96	32425	4.602	ug/L	91
13) Acetone	2.631	43	47166	51.350	ug/L	99
14) Carbon disulfide	2.782	76	82133	3.686	ug/L	100
15) Methyl Acetate	2.946	43	10192	4.427	ug/L #	87
16) Methylene chloride	3.033	84	34136	4.615	ug/L	88
17) Methyl tert-butyl Ether	3.348	73	95630	5.448	ug/L	96
18) trans-1,2-Dichloroethene	3.342	96	33632	4.646	ug/L	90
19) 1,1-Dichloroethane	3.853	63	63056	4.752	ug/L	97
21) 2-Butanone	4.695	43	69052	51.766	ug/L	92
22) cis-1,2-Dichloroethene	4.654	96	38659	4.764	ug/L	95
23) Bromochloromethane	4.962	128	18773	5.278	ug/L #	78
25) Chloroform	5.075	83	76509	5.118	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	50324	5.298	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	73892	5.362	ug/L	95
30) Cyclohexane	5.374	56	47399	4.242	ug/L	89
31) Carbon tetrachloride	5.512	117	66556	5.268	ug/L	98
33) Benzene	5.763	78	142733	4.702	ug/L	100
34) Trichloroethene	6.531	95	43738	5.087	ug/L	95
35) Methylcyclohexane	6.750	83	57065	4.476	ug/L	93
37) 1,2-Dichloropropane	6.779	63	34865	4.717	ug/L	100
38) Bromodichloromethane	7.094	83	54486	5.224	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	59414	5.014	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	173339	50.033	ug/L #	92
42) Toluene	7.959	91	158433	4.840	ug/L	97
44) trans-1,3-Dichloropropene	8.200	75	51324	5.305	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	28860	5.172	ug/L	96
47) Tetrachloroethene	8.544	164	33021	4.974	ug/L	96
48) 2-Hexanone	8.676	43	125300	48.939	ug/L #	93
49) Dibromochloromethane	8.798	129	36666	5.438	ug/L	93
50) 1,2-Dibromoethane	8.914	107	27824	5.189	ug/L #	99
51) Chlorobenzene	9.438	112	104292	4.973	ug/L	94
52) Ethylbenzene	9.560	91	182695	4.978	ug/L	99
53) m,p-Xylene	9.685	106	68747	5.074	ug/L	95
54) o-Xylene	10.091	106	67157	5.096	ug/L	99
55) Styrene	10.107	104	114617	5.277	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	33935	5.225	ug/L #	96
59) Bromoform	10.280	173	23177	5.940	ug/L	98
60) Isopropylbenzene	10.473	105	191375	5.335	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	24546	5.346	ug/L	93
62) 1,3,5-Trimethylbenzene	11.078	105	163639	5.391	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	161661	5.436	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	88258	5.356	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	87264	5.259	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	82261	5.402	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	6374	6.364	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	67672	5.525	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	54489	5.635	ug/L	96
71) Naphthalene	14.078	128	84924	5.848	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	48682	5.708	ug/L	99

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

