

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059457.D
 Acq On : 25 Jun 2024 09:06
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005119

Quant Time: Jun 26 04:24:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 22 01:35:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	157227	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46053	4.212	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.907	69	46448	4.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.560	65	19574	4.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.621	46	105160	46.696	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.400%
24) Chloroform-d	5.055	84	102629	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.695	65	47772	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.721	84	211404	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.685	67	62670	4.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.894	98	197298	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.177	79	20161	4.856	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.627	63	83225	48.245	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51163	4.670	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	68772	4.737	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	67333	5.054	ug/L	100
3) Chloromethane	1.515	50	72378	5.048	ug/L	98
5) Vinyl chloride	1.599	62	82350	5.199	ug/L	97
6) Bromomethane	1.853	94	55607	5.049	ug/L	96
8) Chloroethane	1.927	64	49216	5.157	ug/L	99
9) Trichlorofluoromethane	2.132	101	99646	5.226	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	62817	5.204	ug/L	95
12) 1,1-Dichloroethene	2.573	96	55900	5.013	ug/L	89
13) Acetone	2.628	43	76273	52.212	ug/L	93
14) Carbon disulfide	2.785	76	184924	4.971	ug/L	99
15) Methyl Acetate	2.949	43	19219	4.985	ug/L #	90
16) Methylene chloride	3.036	84	67344	5.096	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	127265	5.296	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	60291	5.199	ug/L	89
19) 1,1-Dichloroethane	3.859	63	111782	5.227	ug/L	100
21) 2-Butanone	4.698	43	123835	52.851	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	67540	5.284	ug/L	92
23) Bromochloromethane	4.968	128	31633	5.428	ug/L	90
25) Chloroform	5.078	83	115687	5.136	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68169	4.994	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	95620	5.267	ug/L	99
30) Cyclohexane	5.380	56	86556	5.400	ug/L	94
31) Carbon tetrachloride	5.518	117	80488	5.295	ug/L	99
33) Benzene	5.766	78	258974	5.424	ug/L	100
34) Trichloroethene	6.537	95	68938	5.332	ug/L	95
35) Methylcyclohexane	6.756	83	99432	5.405	ug/L	96
37) 1,2-Dichloropropane	6.785	63	67141	5.434	ug/L #	97
38) Bromodichloromethane	7.100	83	82764	5.367	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	92017	5.446	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	308823	53.942	ug/L	95
42) Toluene	7.965	91	279226	5.524	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	74367	5.484	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	49189	5.403	ug/L	98
47) Tetrachloroethene	8.547	164	54609	5.443	ug/L	96
48) 2-Hexanone	8.679	43	227279	55.625	ug/L #	94
49) Dibromochloromethane	8.804	129	54068	5.361	ug/L	97
50) 1,2-Dibromoethane	8.917	107	45026	5.355	ug/L	100
51) Chlorobenzene	9.441	112	173000	5.396	ug/L	97
52) Ethylbenzene	9.566	91	284365	5.484	ug/L	96
53) m,p-Xylene	9.688	106	111183	5.583	ug/L	97
54) o-Xylene	10.093	106	105290	5.571	ug/L	99
55) Styrene	10.110	104	180706	5.617	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	57338	5.191	ug/L	99
59) Bromoform	10.286	173	32677	5.235	ug/L	96
60) Isopropylbenzene	10.479	105	279553	5.548	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	40195	5.333	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	220733	5.530	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	218086	5.715	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	141172	5.509	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	140528	5.327	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	129675	5.377	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.990	75	8281	5.633	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.216	180	102782	5.418	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	83165	5.715	ug/L	99
71) Naphthalene	14.084	128	123219	5.916	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	72860	5.392	ug/L	99

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

