

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061324\
 Data File : VU059239.D
 Acq On : 13 Jun 2024 16:59
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005113

Quant Time: Jun 14 06:57:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 14 06:53:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161004	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	161551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	80914	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36849	3.778	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.908	69	39446	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.560	65	15628	3.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.615	46	138333	54.556	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.120%
24) Chloroform-d	5.055	84	99061	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	49906	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.721	84	179692	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.682	67	62521	5.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.891	98	153182	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	18692	4.408	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.628	63	103801	51.011	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.020%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	58155	5.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	59742	4.909	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	54287	4.609	ug/L	98
3) Chloromethane	1.519	50	66541	4.851	ug/L	99
5) Vinyl chloride	1.599	62	73409	4.996	ug/L	98
6) Bromomethane	1.850	94	45282	4.947	ug/L	99
8) Chloroethane	1.927	64	47960	5.136	ug/L	100
9) Trichlorofluoromethane	2.133	101	90220	4.787	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56756	4.970	ug/L	100
12) 1,1-Dichloroethene	2.573	96	50768	5.061	ug/L	91
13) Acetone	2.621	43	81159	46.309	ug/L	95
14) Carbon disulfide	2.785	76	142547	4.485	ug/L	99
15) Methyl Acetate	2.946	43	22443	5.152	ug/L	97
16) Methylene chloride	3.036	84	64889	4.768	ug/L	98
17) Methyl tert-butyl Ether	3.355	73	129312	4.959	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	52955	5.014	ug/L	96
19) 1,1-Dichloroethane	3.859	63	117078	5.303	ug/L	98
21) 2-Butanone	4.695	43	142030	50.529	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	65597	5.395	ug/L	94
23) Bromochloromethane	4.969	128	29299	5.456	ug/L	98
25) Chloroform	5.078	83	120260	5.213	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	73091	5.186	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	90059	4.986	ug/L	97
30) Cyclohexane	5.383	56	80529	4.715	ug/L	98
31) Carbon tetrachloride	5.518	117	75487	5.010	ug/L	99
33) Benzene	5.766	78	250563	5.277	ug/L	100
34) Trichloroethene	6.538	95	64923	5.168	ug/L	96
35) Methylcyclohexane	6.756	83	83061	4.635	ug/L	98
37) 1,2-Dichloropropane	6.785	63	70002	5.193	ug/L	100
38) Bromodichloromethane	7.100	83	83837	5.189	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	89524	4.873	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	363009	52.105	ug/L	99
42) Toluene	7.962	91	264962	5.350	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	70560	4.707	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	50484	5.324	ug/L	95
47) Tetrachloroethene	8.547	164	45235	5.055	ug/L	96
48) 2-Hexanone	8.676	43	259750	51.736	ug/L	98
49) Dibromochloromethane	8.804	129	51843	5.185	ug/L	95
50) 1,2-Dibromoethane	8.917	107	44013	5.253	ug/L	100
51) Chlorobenzene	9.441	112	163576	5.183	ug/L	98
52) Ethylbenzene	9.563	91	267672	5.006	ug/L	98
53) m,p-Xylene	9.689	106	99454	5.082	ug/L	97
54) o-Xylene	10.094	106	97965	5.118	ug/L	100
55) Styrene	10.110	104	169405	5.261	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	61872	5.147	ug/L	99
59) Bromoform	10.284	173	29934	5.063	ug/L	99
60) Isopropylbenzene	10.480	105	261587	5.050	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	41898	5.028	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	200745	4.862	ug/L	100
63) 1,2,4-Trimethylbenzene	11.464	105	198326	4.845	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	123117	4.885	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	123677	4.916	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	118143	5.015	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8103	4.834	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.213	180	85704	4.535	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	64707	4.149	ug/L	97
71) Naphthalene	14.084	128	97357	4.142	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	60929	4.452	ug/L	99

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

