

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061924\
 Data File : U059364.D
 Acq On : 19 Jun 2024 19:30
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005116

Quant Time: Jun 20 06:01:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	146639	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	150876	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	41732	4.093	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.907	69	43386	4.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.560	65	17288	4.087	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.618	46	123312	58.710	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.420%
24) Chloroform-d	5.055	84	99112	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.695	65	50083	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.721	84	188281	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.685	67	59842	4.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.894	98	167995	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.177	79	18704	4.694	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.627	63	96933	58.553	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.100%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55686	5.297	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	65993	4.615	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	60739	4.888	ug/L	99
3) Chloromethane	1.518	50	67999	5.085	ug/L	94
5) Vinyl chloride	1.599	62	76177	5.157	ug/L	100
6) Bromomethane	1.853	94	49594	4.828	ug/L	96
8) Chloroethane	1.927	64	46015	5.170	ug/L	100
9) Trichlorofluoromethane	2.132	101	93129	5.237	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	55086	4.893	ug/L	93
12) 1,1-Dichloroethene	2.573	96	52441	5.042	ug/L	85
13) Acetone	2.628	43	78982	57.970	ug/L	96
14) Carbon disulfide	2.785	76	167135	4.817	ug/L	98
15) Methyl Acetate	2.946	43	19503	5.424	ug/L #	86
16) Methylene chloride	3.036	84	66544	5.400	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	121851	5.437	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	56660	5.238	ug/L	86
19) 1,1-Dichloroethane	3.862	63	103679	5.198	ug/L	100
21) 2-Butanone	4.698	43	134137	61.381	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	61083	5.124	ug/L	93
23) Bromochloromethane	4.968	128	31019	5.707	ug/L	85
25) Chloroform	5.081	83	108493	5.164	ug/L	97

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27) 1,2-Dichloroethane	5.788	62	70199	5.514	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	87945	5.048	ug/L	99
30) Cyclohexane	5.383	56	75653	4.918	ug/L	93
31) Carbon tetrachloride	5.518	117	73985	5.072	ug/L	98
33) Benzene	5.769	78	237085	5.175	ug/L	100
34) Trichloroethene	6.537	95	62601	5.045	ug/L	93
35) Methylcyclohexane	6.756	83	85236	4.828	ug/L	95
37) 1,2-Dichloropropane	6.785	63	63349	5.343	ug/L	99
38) Bromodichloromethane	7.100	83	77395	5.229	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	80946	4.992	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	327886	59.680	ug/L	96
42) Toluene	7.965	91	260753	5.376	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	68155	5.237	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	48633	5.566	ug/L	98
47) Tetrachloroethene	8.550	164	49311	5.121	ug/L	98
48) 2-Hexanone	8.679	43	241975	61.711	ug/L	96
49) Dibromochloromethane	8.804	129	53155	5.492	ug/L	99
50) 1,2-Dibromoethane	8.920	107	44251	5.484	ug/L	98
51) Chlorobenzene	9.441	112	161178	5.239	ug/L	96
52) Ethylbenzene	9.566	91	255972	5.144	ug/L	97
53) m,p-Xylene	9.688	106	100103	5.238	ug/L	98
54) o-Xylene	10.097	106	95401	5.260	ug/L	99
55) Styrene	10.110	104	166392	5.389	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	57405	5.416	ug/L	98
59) Bromoform	10.286	173	32094	5.220	ug/L	97
60) Isopropylbenzene	10.479	105	249576	5.029	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	40415	5.444	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	191654	4.875	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	189658	5.045	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	125460	4.970	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	124714	4.800	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	120093	5.056	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8516	5.881	ug/L	86
69) 1,3,5-Trichlorobenzene	13.216	180	87729	4.695	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	68435	4.774	ug/L	98
71) Naphthalene	14.084	128	102650	5.004	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	67048	5.038	ug/L	96

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

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