

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060015.D
 Acq On : 18 Jul 2024 13:49
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

Quant Time: Jul 19 01:27:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:18:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161151	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49751	4.437	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.907	69	46184	4.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	19917	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.631	46	136634	52.123	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.240%
24) Chloroform-d	5.055	84	107035	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.695	65	51388	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.721	84	206649	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.685	67	65202	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.891	98	189305	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.174	79	23953	5.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.627	63	113967	55.261	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.520%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	60330	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	70941	4.790	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	57509	4.719	ug/L	99
3) Chloromethane	1.515	50	68153	4.630	ug/L	99
5) Vinyl chloride	1.599	62	77124	4.674	ug/L	98
6) Bromomethane	1.853	94	49868	4.642	ug/L	99
8) Chloroethane	1.930	64	49300	4.574	ug/L	99
9) Trichlorofluoromethane	2.129	101	100905	4.849	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63966	4.711	ug/L	99
12) 1,1-Dichloroethene	2.570	96	57925	4.709	ug/L	98
13) Acetone	2.644	43	88525	51.052	ug/L	95
14) Carbon disulfide	2.785	76	161833	4.518	ug/L	99
15) Methyl Acetate	2.956	43	22248	5.217	ug/L	97
16) Methylene chloride	3.036	84	68630	4.551	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	140734	5.017	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	59347	4.638	ug/L	97
19) 1,1-Dichloroethane	3.859	63	115466	4.753	ug/L	98
21) 2-Butanone	4.711	43	144134	52.508	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	70340	4.908	ug/L	99
23) Bromochloromethane	4.968	128	32619	4.683	ug/L	98
25) Chloroform	5.081	83	119423	4.470	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71658	4.692	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	97578	4.885	ug/L	100
30) Cyclohexane	5.380	56	85041	5.383	ug/L	96
31) Carbon tetrachloride	5.515	117	81795	4.747	ug/L	96
33) Benzene	5.766	78	264541	5.007	ug/L	100
34) Trichloroethene	6.534	95	68403	4.882	ug/L	94
35) Methylcyclohexane	6.756	83	97343	5.300	ug/L	99
37) 1,2-Dichloropropane	6.785	63	71150	4.985	ug/L	100
38) Bromodichloromethane	7.100	83	86363	4.830	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	95191	5.104	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	350068	55.430	ug/L	97
42) Toluene	7.962	91	287561	5.115	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	78983	5.069	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	55060	5.049	ug/L	98
47) Tetrachloroethene	8.547	164	55670	4.805	ug/L	98
48) 2-Hexanone	8.679	43	268119	57.983	ug/L	98
49) Dibromochloromethane	8.804	129	58777	4.872	ug/L	97
50) 1,2-Dibromoethane	8.920	107	50941	5.166	ug/L	99
51) Chlorobenzene	9.441	112	181087	4.930	ug/L	100
52) Ethylbenzene	9.566	91	287123	5.121	ug/L	99
53) m,p-Xylene	9.689	106	112409	5.190	ug/L	99
54) o-Xylene	10.097	106	109834	5.302	ug/L	100
55) Styrene	10.110	104	183947	5.217	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	67700	5.074	ug/L	96
59) Bromoform	10.287	173	38001	5.096	ug/L	98
60) Isopropylbenzene	10.479	105	285314	5.317	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	45942	5.311	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	220448	5.377	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	219490	5.540	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	145128	5.026	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	143131	4.869	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	138404	5.008	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	9066	5.378	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	108251	4.967	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	87413	5.270	ug/L	99
71) Naphthalene	14.081	128	146391	6.229	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	82790	5.550	ug/L	97

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

