

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054557.D
 Acq On : 16 Jun 2023 04:47
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005186

Quant Time: Jun 16 05:24:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	271033	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	261358	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	136733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	69800	4.047	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.914	69	84440	5.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.566	65	32880	4.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.627	46	237334	48.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.880%
24) Chloroform-d	5.062	84	184548	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.698	65	85015	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.724	84	347069	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.685	67	115709	4.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.894	98	299853	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.177	79	34533	4.093	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.630	63	168544	47.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.220%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	87719	4.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	106835	4.632	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	123455	4.875	ug/L	98
3) Chloromethane	1.518	50	135532	4.659	ug/L	98
5) Vinyl chloride	1.605	62	146176	4.895	ug/L	95
6) Bromomethane	1.859	94	73538	4.479	ug/L	95
8) Chloroethane	1.933	64	88983	4.971	ug/L	100
9) Trichlorofluoromethane	2.139	101	197635	5.384	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	115663	5.386	ug/L	98
12) 1,1-Dichloroethene	2.579	96	102276	5.203	ug/L	96
13) Acetone	2.640	43	163333	35.720	ug/L	98
14) Carbon disulfide	2.792	76	281369	4.827	ug/L	99
15) Methyl Acetate	2.955	43	42235	4.984	ug/L	97
16) Methylene chloride	3.046	84	117649	4.256	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	249358	5.139	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	104687	5.158	ug/L	94
19) 1,1-Dichloroethane	3.865	63	220983	5.261	ug/L	98
21) 2-Butanone	4.708	43	273081	46.017	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	119907	5.188	ug/L	96
23) Bromochloromethane	4.971	128	53368	5.549	ug/L	91
25) Chloroform	5.084	83	222175	5.365	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	127239	5.242	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	183320	5.173	ug/L	99
30) Cyclohexane	5.386	56	176812	4.580	ug/L	98
31) Carbon tetrachloride	5.521	117	161911	5.302	ug/L	98
33) Benzene	5.769	78	474991	5.057	ug/L	100
34) Trichloroethene	6.537	95	125943	5.070	ug/L	96
35) Methylcyclohexane	6.759	83	172305	4.589	ug/L	97
37) 1,2-Dichloropropane	6.785	63	131636	5.183	ug/L	100
38) Bromodichloromethane	7.100	83	150489	5.235	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	163225	4.707	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	667008	49.214	ug/L	99
42) Toluene	7.965	91	499118	5.160	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	136036	4.834	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	85905	5.317	ug/L	95
47) Tetrachloroethene	8.550	164	92437	4.862	ug/L	97
48) 2-Hexanone	8.679	43	484149	47.942	ug/L	99
49) Dibromochloromethane	8.804	129	93747	5.526	ug/L	98
50) 1,2-Dibromoethane	8.920	107	78501	5.292	ug/L	98
51) Chlorobenzene	9.444	112	309166	5.127	ug/L	98
52) Ethylbenzene	9.566	91	523019	4.951	ug/L	99
53) m,p-Xylene	9.692	106	195898	5.048	ug/L	100
54) o-Xylene	10.097	106	193172	5.147	ug/L	98
55) Styrene	10.110	104	322842	5.125	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	106112	5.171	ug/L	99
59) Bromoform	10.286	173	56226	5.728	ug/L	98
60) Isopropylbenzene	10.479	105	519398	5.193	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	69361	5.019	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	397317	4.868	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	408323	4.926	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	242511	5.187	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	238521	5.083	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	220508	5.128	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	15245	5.020	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	172419	4.888	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	135488	4.645	ug/L	100
71) Naphthalene	14.080	128	193431	4.078	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	116772	4.660	ug/L	96

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

