

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054735.D
 Acq On : 30 Jun 2023 20:24
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

Quant Time: Jul 03 06:48:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	280455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	270388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	139098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	75588	4.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.907	69	68848	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.563	65	30535	3.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.624	46	267424	53.290	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.580%
24) Chloroform-d	5.058	84	161861	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.698	65	82480	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.724	84	292898	3.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.685	67	102152	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.894	98	267876	4.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.177	79	39078	4.477	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.631	63	184055	50.259	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.520%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86750	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	100046	4.264	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	93857	3.582	ug/L	100
3) Chloromethane	1.518	50	120105	3.990	ug/L	100
5) Vinyl chloride	1.602	62	130498	4.223	ug/L	100
6) Bromomethane	1.853	94	67094	3.950	ug/L	99
8) Chloroethane	1.930	64	83000	4.481	ug/L	100
9) Trichlorofluoromethane	2.132	101	175805	4.628	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	103419	4.654	ug/L	97
12) 1,1-Dichloroethene	2.573	96	87647	4.309	ug/L	89
13) Acetone	2.634	43	189134	39.973	ug/L	99
14) Carbon disulfide	2.788	76	212446	3.522	ug/L	99
15) Methyl Acetate	2.949	43	54111	6.171	ug/L	99
16) Methylene chloride	3.039	84	115807	4.049	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	258590	5.150	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	88564	4.217	ug/L	97
19) 1,1-Dichloroethane	3.865	63	211505	4.866	ug/L	98
21) 2-Butanone	4.705	43	321426	52.344	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	112884	4.720	ug/L	99
23) Bromochloromethane	4.968	128	50195	5.044	ug/L	98
25) Chloroform	5.084	83	213512	4.983	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	131521	5.236	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	176945	4.826	ug/L	100
30) Cyclohexane	5.383	56	152699	3.824	ug/L	99
31) Carbon tetrachloride	5.518	117	149741	4.740	ug/L	98
33) Benzene	5.769	78	439060	4.518	ug/L	100
34) Trichloroethene	6.537	95	112023	4.359	ug/L	97
35) Methylcyclohexane	6.759	83	146533	3.773	ug/L	99
37) 1,2-Dichloropropane	6.785	63	125664	4.783	ug/L	100
38) Bromodichloromethane	7.100	83	154593	5.198	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	164773	4.593	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	791359	56.439	ug/L	98
42) Toluene	7.965	91	464865	4.645	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	141388	4.857	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	90599	5.420	ug/L	99
47) Tetrachloroethene	8.550	164	87109	4.429	ug/L	98
48) 2-Hexanone	8.682	43	570889	54.643	ug/L	99
49) Dibromochloromethane	8.804	129	95374	5.434	ug/L	99
50) 1,2-Dibromoethane	8.920	107	79325	5.169	ug/L	97
51) Chlorobenzene	9.444	112	289101	4.634	ug/L	98
52) Ethylbenzene	9.566	91	493111	4.512	ug/L	98
53) m,p-Xylene	9.692	106	185169	4.612	ug/L	100
54) o-Xylene	10.097	106	185721	4.783	ug/L	99
55) Styrene	10.113	104	320681	4.921	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	114080	5.373	ug/L	98
59) Bromoform	10.286	173	59003	5.909	ug/L	100
60) Isopropylbenzene	10.479	105	492645	4.841	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	77973	5.547	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	387846	4.672	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	402111	4.769	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	235401	4.949	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	232474	4.870	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	221839	5.071	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	18109	5.862	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	170994	4.765	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	140427	4.732	ug/L	99
71) Naphthalene	14.084	128	234961	4.869	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	131196	5.146	ug/L	99

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

