

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062323\
 Data File : VU054671.D
 Acq On : 23 Jun 2023 14:59
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005198

Quant Time: Jun 23 23:56:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	295291	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	277537	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	142654	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	107571	5.724	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.400%
7) Chloroethane-d5	1.911	69	84790	4.819	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.563	65	41503	4.945	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.627	46	247386	46.821	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.640%
24) Chloroform-d	5.061	84	180272	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.698	65	85832	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.724	84	340546	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.688	67	115150	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.894	98	300894	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.177	79	42118	4.701	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.630	63	169204	45.014	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.020%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84097	4.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	104752	4.353	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	113575	4.116	ug/L	100
3) Chloromethane	1.521	50	138768	4.378	ug/L	100
5) Vinyl chloride	1.605	62	146660	4.508	ug/L	100
6) Bromomethane	1.859	94	75002	4.193	ug/L	100
8) Chloroethane	1.933	64	91650	4.700	ug/L	99
9) Trichlorofluoromethane	2.136	101	188373	4.710	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	114264	4.883	ug/L	98
12) 1,1-Dichloroethene	2.579	96	98124	4.581	ug/L	87
13) Acetone	2.637	43	212215	42.598	ug/L	99
14) Carbon disulfide	2.792	76	246041	3.874	ug/L	99
15) Methyl Acetate	2.952	43	46990	5.090	ug/L	98
16) Methylene chloride	3.046	84	146001	4.848	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	251392	4.755	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	98051	4.434	ug/L	94
19) 1,1-Dichloroethane	3.865	63	234288	5.120	ug/L	99
21) 2-Butanone	4.705	43	327763	50.694	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	120850	4.799	ug/L	96
23) Bromochloromethane	4.971	128	49121	4.688	ug/L	97
25) Chloroform	5.084	83	231676	5.135	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	134510	5.086	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	187906	4.993	ug/L	98
30) Cyclohexane	5.386	56	180803	4.411	ug/L	97
31) Carbon tetrachloride	5.521	117	158358	4.883	ug/L	99
33) Benzene	5.769	78	482475	4.837	ug/L	100
34) Trichloroethene	6.541	95	123047	4.665	ug/L	94
35) Methylcyclohexane	6.759	83	169407	4.249	ug/L	96
37) 1,2-Dichloropropane	6.788	63	140906	5.225	ug/L	99
38) Bromodichloromethane	7.103	83	160970	5.273	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	186799	5.073	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	772257	53.658	ug/L	97
42) Toluene	7.968	91	508608	4.951	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	151933	5.084	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	88013	5.130	ug/L	98
47) Tetrachloroethene	8.550	164	84955	4.208	ug/L	95
48) 2-Hexanone	8.682	43	560798	52.295	ug/L	97
49) Dibromochloromethane	8.807	129	93895	5.212	ug/L	97
50) 1,2-Dibromoethane	8.920	107	78187	4.964	ug/L	97
51) Chlorobenzene	9.444	112	308422	4.817	ug/L	98
52) Ethylbenzene	9.566	91	536605	4.783	ug/L	99
53) m,p-Xylene	9.692	106	201214	4.882	ug/L	95
54) o-Xylene	10.097	106	192477	4.830	ug/L	97
55) Styrene	10.113	104	334181	4.996	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	113954	5.229	ug/L	99
59) Bromoform	10.286	173	54249	5.297	ug/L	99
60) Isopropylbenzene	10.483	105	531410	5.092	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	74886	5.194	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	418058	4.910	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	433492	5.013	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	243893	5.000	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	243535	4.975	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	226953	5.059	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	16892	5.332	ug/L	82
69) 1,3,5-Trichlorobenzene	13.216	180	181125	4.921	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	141266	4.642	ug/L	99
71) Naphthalene	14.084	128	209504	4.234	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	122186	4.673	ug/L	98

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

