

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
 Data File : VU060081.D
 Acq On : 22 Jul 2024 09:44
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005151

Quant Time: Jul 22 11:14:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	130834	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	131023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32264	3.544	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.901	69	36437	4.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.560	65	13233	3.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.621	46	99196	46.610	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.220%
24) Chloroform-d	5.055	84	83005	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	40302	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.721	84	158281	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.685	67	53346	4.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.894	98	142812	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.177	79	17479	4.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.627	63	82597	48.883	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47730	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	54359	4.569	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	43266	4.373	ug/L	100
3) Chloromethane	1.518	50	53901	4.511	ug/L	100
5) Vinyl chloride	1.602	62	60406	4.509	ug/L	100
6) Bromomethane	1.850	94	43491	4.987	ug/L	100
8) Chloroethane	1.924	64	40880	4.672	ug/L	99
9) Trichlorofluoromethane	2.129	101	80126	4.743	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51293	4.653	ug/L	98
12) 1,1-Dichloroethene	2.573	96	46671	4.673	ug/L	88
13) Acetone	2.628	43	67949	48.266	ug/L	99
14) Carbon disulfide	2.785	76	129651	4.459	ug/L	100
15) Methyl Acetate	2.949	43	16515	4.770	ug/L	99
16) Methylene chloride	3.036	84	57179	4.670	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	105410	4.629	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	48987	4.716	ug/L	94
19) 1,1-Dichloroethane	3.859	63	92376	4.683	ug/L	98
21) 2-Butanone	4.698	43	106145	47.629	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	56733	4.876	ug/L	97
23) Bromochloromethane	4.968	128	27040	4.782	ug/L	95
25) Chloroform	5.081	83	97523	4.496	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	55980	4.515	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	79042	4.830	ug/L	97
30) Cyclohexane	5.380	56	64253	4.964	ug/L	99
31) Carbon tetrachloride	5.518	117	66912	4.739	ug/L	98
33) Benzene	5.769	78	215237	4.973	ug/L	100
34) Trichloroethene	6.537	95	54912	4.783	ug/L	99
35) Methylcyclohexane	6.756	83	73732	4.900	ug/L	99
37) 1,2-Dichloropropane	6.785	63	56591	4.840	ug/L	99
38) Bromodichloromethane	7.100	83	70804	4.833	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	74688	4.888	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	251212	48.550	ug/L	99
42) Toluene	7.965	91	230321	5.000	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	61606	4.826	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	43050	4.818	ug/L	98
47) Tetrachloroethene	8.550	164	46619	4.912	ug/L	98
48) 2-Hexanone	8.679	43	189199	49.939	ug/L	99
49) Dibromochloromethane	8.804	129	46469	4.701	ug/L	98
50) 1,2-Dibromoethane	8.920	107	38938	4.820	ug/L	99
51) Chlorobenzene	9.444	112	145942	4.850	ug/L	98
52) Ethylbenzene	9.566	91	227827	4.960	ug/L	98
53) m,p-Xylene	9.688	106	88299	4.976	ug/L	97
54) o-Xylene	10.097	106	87041	5.129	ug/L	99
55) Styrene	10.110	104	146681	5.078	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	51363	4.699	ug/L	99
59) Bromoform	10.283	173	29111	4.860	ug/L	99
60) Isopropylbenzene	10.479	105	227139	5.269	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	35249	5.072	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	170948	5.190	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	169441	5.324	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	115905	4.997	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	116207	4.921	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	111064	5.002	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	6929	5.116	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	87003	4.970	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	67640	5.076	ug/L	98
71) Naphthalene	14.084	128	98513	5.218	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	64648	5.395	ug/L	99

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

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