

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056349.D
 Acq On : 15 Nov 2023 11:36
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005156

Quant Time: Nov 16 04:33:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 03:03:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	306891	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	304522	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	143747	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	90237	3.931	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.911	69	70984	4.033	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.563	65	42227	4.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.624	46	210356	45.958	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.920%
24) Chloroform-d	5.058	84	197375	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.695	65	91019	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.724	84	367837	4.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.685	67	113661	4.157	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.894	98	325817	4.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.177	79	44842	4.276	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.630	63	186284	45.200	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.400%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86804	4.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	109494	4.123	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	118357	4.868	ug/L	100
3) Chloromethane	1.518	50	115265	4.639	ug/L	96
5) Vinyl chloride	1.602	62	118003	4.929	ug/L	100
6) Bromomethane	1.856	94	63123	5.209	ug/L	97
8) Chloroethane	1.930	64	69880	4.778	ug/L	95
9) Trichlorofluoromethane	2.132	101	180537	5.233	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	100782	4.920	ug/L	99
12) 1,1-Dichloroethene	2.576	96	94983	5.056	ug/L	89
13) Acetone	2.634	43	158906	40.762	ug/L	98
14) Carbon disulfide	2.788	76	281040	4.597	ug/L	98
15) Methyl Acetate	2.952	43	32331	4.660	ug/L	97
16) Methylene chloride	3.039	84	106242	4.273	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	223119	4.888	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	96170	4.975	ug/L	95
19) 1,1-Dichloroethane	3.862	63	194393	5.077	ug/L	100
21) 2-Butanone	4.705	43	225562	44.590	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	111306	5.078	ug/L	95
23) Bromochloromethane	4.968	128	44364	4.917	ug/L	92
25) Chloroform	5.081	83	201007	4.846	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	116863	4.962	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	174227	4.984	ug/L	99
30) Cyclohexane	5.383	56	145255	4.378	ug/L	98
31) Carbon tetrachloride	5.518	117	144700	4.820	ug/L	100
33) Benzene	5.769	78	419286	4.826	ug/L	100
34) Trichloroethene	6.537	95	113254	4.784	ug/L	98
35) Methylcyclohexane	6.759	83	157022	4.594	ug/L	99
37) 1,2-Dichloropropane	6.785	63	110013	4.855	ug/L	100
38) Bromodichloromethane	7.100	83	137356	4.696	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	154679	4.646	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	534838	47.616	ug/L	99
42) Toluene	7.965	91	440909	4.901	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	128181	4.829	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	73064	4.842	ug/L	99
47) Tetrachloroethene	8.550	164	79830	5.001	ug/L	97
48) 2-Hexanone	8.685	43	403325	46.091	ug/L	99
49) Dibromochloromethane	8.804	129	83635	4.874	ug/L	98
50) 1,2-Dibromoethane	8.920	107	69080	4.849	ug/L	100
51) Chlorobenzene	9.444	112	278749	4.822	ug/L	99
52) Ethylbenzene	9.566	91	491596	4.921	ug/L	99
53) m,p-Xylene	9.692	106	180302	4.910	ug/L	95
54) o-Xylene	10.097	106	177217	4.968	ug/L	98
55) Styrene	10.113	104	304150	5.126	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	91367	4.958	ug/L #	96
59) Bromoform	10.286	173	48687	5.437	ug/L	99
60) Isopropylbenzene	10.479	105	464851	5.014	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	61879	5.017	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	377030	4.953	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	374670	4.987	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	208163	4.936	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	205775	4.865	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	192215	4.968	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	11851	4.498	ug/L	100
69) 1,3,5-Trichlorobenzene	13.216	180	147327	4.640	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	109831	4.247	ug/L	99
71) Naphthalene	14.084	128	153795	3.936	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	90114	4.230	ug/L	98

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

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