

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058188.D
 Acq On : 22 Mar 2024 12:20
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005163

Quant Time: Mar 22 23:39:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 04:55:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	91093	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86460	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42351	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33341	4.331	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.911	69	28797	4.583	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.557	65	14783	4.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.634	46	72490	53.006	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.020%
24) Chloroform-d	5.052	84	66413	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.692	65	31822	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.718	84	133120	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.679	67	40105	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.888	98	117270	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.174	79	12961	4.887	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.627	63	56855	52.939	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	27416	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	37924	4.809	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	18662	4.974	ug/L	96
3) Chloromethane	1.518	50	22537	4.712	ug/L	98
5) Vinyl chloride	1.602	62	26523	5.079	ug/L	98
6) Bromomethane	1.856	94	12878	4.598	ug/L	97
8) Chloroethane	1.930	64	17478	5.075	ug/L	96
9) Trichlorofluoromethane	2.132	101	48230	5.683	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	28336	5.202	ug/L	97
12) 1,1-Dichloroethene	2.570	96	23325	5.108	ug/L	90
13) Acetone	2.657	43	50353	56.890	ug/L	96
14) Carbon disulfide	2.782	76	50720	4.971	ug/L	98
15) Methyl Acetate	2.956	43	9524	5.184	ug/L	97
16) Methylene chloride	3.036	84	29705	4.590	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	64211	5.239	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	23815	4.990	ug/L	97
19) 1,1-Dichloroethane	3.856	63	56560	5.274	ug/L	99
21) 2-Butanone	4.711	43	73896	54.954	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	29993	5.086	ug/L	91
23) Bromochloromethane	4.965	128	11818	5.370	ug/L	100
25) Chloroform	5.078	83	57878	5.147	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	32846	5.145	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	45280	5.065	ug/L	98
30) Cyclohexane	5.377	56	39897	5.110	ug/L	97
31) Carbon tetrachloride	5.515	117	38409	5.047	ug/L	98
33) Benzene	5.763	78	118854	5.234	ug/L	100
34) Trichloroethene	6.534	95	30684	5.187	ug/L	97
35) Methylcyclohexane	6.753	83	43270	5.244	ug/L	98
37) 1,2-Dichloropropane	6.782	63	32741	5.161	ug/L	99
38) Bromodichloromethane	7.097	83	37629	5.175	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	42169	5.241	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	170210	53.065	ug/L	100
42) Toluene	7.962	91	126805	5.285	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	33553	5.300	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	20682	5.176	ug/L	97
47) Tetrachloroethene	8.544	164	21379	5.395	ug/L	98
48) 2-Hexanone	8.679	43	133196	57.021	ug/L	96
49) Dibromochloromethane	8.801	129	23018	5.265	ug/L	97
50) 1,2-Dibromoethane	8.917	107	18195	5.290	ug/L	95
51) Chlorobenzene	9.438	112	80737	5.223	ug/L	99
52) Ethylbenzene	9.563	91	138289	5.162	ug/L	97
53) m,p-Xylene	9.685	106	50799	5.322	ug/L	96
54) o-Xylene	10.090	106	51336	5.328	ug/L	100
55) Styrene	10.106	104	84008	5.521	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	24904	5.288	ug/L	99
59) Bromoform	10.283	173	11881	5.342	ug/L	94
60) Isopropylbenzene	10.476	105	131694	5.176	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	18860	5.318	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	111800	5.236	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	111594	5.262	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	61058	5.153	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	60574	5.289	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	56016	5.112	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3349	6.262	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	43655	5.269	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	31912	5.164	ug/L	99
71) Naphthalene	14.081	128	43018	5.111	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	25893	5.117	ug/L	96

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

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