

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054208.D
 Acq On : 19 May 2023 09:22
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005168

Quant Time: May 19 09:35:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 04:28:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	184942	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	174671	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	95202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47539	4.768	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.912	69	35850	4.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.565	65	20313	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.629	46	87671	49.305	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.620%
24) Chloroform-d	5.057	84	87683	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.697	65	39943	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.722	84	169959	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.687	67	51083	4.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.893	98	160568	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.176	79	19215	4.627	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.629	63	68172	55.136	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.280%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	37017	5.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	57394	4.940	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	66131	4.730	ug/L	100
3) Chloromethane	1.517	50	64630	4.986	ug/L	96
5) Vinyl chloride	1.604	62	70473	5.118	ug/L	93
6) Bromomethane	1.858	94	39280	4.702	ug/L	94
8) Chloroethane	1.932	64	42163	4.834	ug/L	91
9) Trichlorofluoromethane	2.134	101	108226	4.948	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	62252	4.909	ug/L	95
12) 1,1-Dichloroethene	2.578	96	55385	4.893	ug/L	99
13) Acetone	2.642	43	86439	35.734	ug/L	100
14) Carbon disulfide	2.790	76	141879	4.989	ug/L	100
15) Methyl Acetate	2.951	43	22596	5.210	ug/L	99
16) Methylene chloride	3.041	84	67120	4.530	ug/L	96
17) Methyl tert-butyl Ether	3.359	73	141623	4.970	ug/L	99
18) trans-1,2-Dichloroethene	3.349	96	57068	4.957	ug/L	92
19) 1,1-Dichloroethane	3.864	63	117490	5.096	ug/L	95
21) 2-Butanone	4.706	43	147528	46.043	ug/L	98
22) cis-1,2-Dichloroethene	4.661	96	69219	5.142	ug/L	97
23) Bromochloromethane	4.970	128	29992	5.100	ug/L	96
25) Chloroform	5.083	83	124446	4.977	ug/L	97

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27) 1,2-Dichloroethane	5.790	62	71994	5.007	ug/L	100
29) 1,1,1-Trichloroethane	5.308	97	109571	5.011	ug/L	98
30) Cyclohexane	5.385	56	89150	5.009	ug/L	97
31) Carbon tetrachloride	5.520	117	94682	4.993	ug/L	100
33) Benzene	5.767	78	254673	5.151	ug/L	100
34) Trichloroethene	6.536	95	69593	5.234	ug/L	99
35) Methylcyclohexane	6.758	83	91857	4.725	ug/L	98
37) 1,2-Dichloropropane	6.783	63	65680	5.059	ug/L	99
38) Bromodichloromethane	7.099	83	83863	5.102	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	86473	4.471	ug/L	100
40) 4-Methyl-2-pentanone	7.783	43	354689	53.676	ug/L	99
42) Toluene	7.963	91	271508	5.197	ug/L	97
44) trans-1,3-Dichloropropene	8.205	75	76426	4.814	ug/L	97
45) 1,1,2-Trichloroethane	8.394	97	48229	5.155	ug/L	98
47) Tetrachloroethene	8.549	164	55230	5.055	ug/L	99
48) 2-Hexanone	8.680	43	255163	51.072	ug/L	99
49) Dibromochloromethane	8.803	129	52290	5.007	ug/L	97
50) 1,2-Dibromoethane	8.918	107	45654	5.310	ug/L #	94
51) Chlorobenzene	9.442	112	179150	5.072	ug/L	98
52) Ethylbenzene	9.565	91	301771	5.184	ug/L	99
53) m,p-Xylene	9.690	106	115034	5.202	ug/L	98
54) o-Xylene	10.095	106	113198	5.184	ug/L	99
55) Styrene	10.108	104	186480	5.223	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	58795	5.292	ug/L	97
59) Bromoform	10.285	173	30584	4.995	ug/L	97
60) Isopropylbenzene	10.478	105	306832	5.282	ug/L	99
61) 1,2,3-Trichloropropane	10.815	75	39662	5.139	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	249854	5.269	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	257733	5.446	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	148286	5.114	ug/L	99
65) 1,4-Dichlorobenzene	11.831	146	148119	5.142	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	138674	5.212	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	9114	5.523	ug/L	92
69) 1,3,5-Trichlorobenzene	13.214	180	111487	5.154	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	94275	5.264	ug/L	99
71) Naphthalene	14.082	128	149965	5.788	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	86346	5.696	ug/L	100

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

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