

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054186.D
 Acq On : 18 May 2023 23:42
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005167

Quant Time: May 19 02:12:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 02:02:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	174667	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	168090	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	91708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46222	4.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.912	69	37162	5.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.565	65	21130	4.968	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.633	46	89988	53.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.180%
24) Chloroform-d	5.057	84	91426	5.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.697	65	40418	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.723	84	172383	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.684	67	51996	5.255	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.893	98	163493	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	8.173	79	20098	5.029	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.629	63	71016	59.685	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.360%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	38722	5.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	59091	5.280	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	65851	4.987	ug/L	99
3) Chloromethane	1.517	50	62509	5.106	ug/L	99
5) Vinyl chloride	1.604	62	68140	5.240	ug/L	88
6) Bromomethane	1.858	94	35054	4.443	ug/L	96
8) Chloroethane	1.932	64	42731	5.187	ug/L	97
9) Trichlorofluoromethane	2.134	101	107250	5.191	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	61835	5.163	ug/L	96
12) 1,1-Dichloroethene	2.575	96	55544	5.195	ug/L	92
13) Acetone	2.646	43	87785	38.425	ug/L	98
14) Carbon disulfide	2.790	76	143154	5.330	ug/L	99
15) Methyl Acetate	2.954	43	21763	5.314	ug/L	96
16) Methylene chloride	3.041	84	64177	4.586	ug/L	96
17) Methyl tert-butyl Ether	3.359	73	144339	5.363	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	58198	5.352	ug/L	98
19) 1,1-Dichloroethane	3.864	63	115255	5.293	ug/L	97
21) 2-Butanone	4.710	43	149215	49.309	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	68197	5.364	ug/L	98
23) Bromochloromethane	4.967	128	30673	5.522	ug/L	98
25) Chloroform	5.080	83	122430	5.184	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	70653	5.203	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	108198	5.142	ug/L	100
30) Cyclohexane	5.382	56	90492	5.284	ug/L	97
31) Carbon tetrachloride	5.520	117	93092	5.102	ug/L	99
33) Benzene	5.768	78	250196	5.259	ug/L	100
34) Trichloroethene	6.536	95	66971	5.234	ug/L	99
35) Methylcyclohexane	6.758	83	92422	4.940	ug/L	99
37) 1,2-Dichloropropane	6.784	63	65413	5.236	ug/L	99
38) Bromodichloromethane	7.099	83	82842	5.237	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	97070	5.216	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	355332	55.878	ug/L	100
42) Toluene	7.964	91	272066	5.412	ug/L	96
44) trans-1,3-Dichloropropene	8.205	75	78276	5.124	ug/L	97
45) 1,1,2-Trichloroethane	8.395	97	48255	5.360	ug/L	97
47) Tetrachloroethene	8.549	164	53767	5.113	ug/L	96
48) 2-Hexanone	8.681	43	258605	53.787	ug/L	99
49) Dibromochloromethane	8.803	129	52897	5.263	ug/L	100
50) 1,2-Dibromoethane	8.919	107	44388	5.365	ug/L	100
51) Chlorobenzene	9.443	112	179143	5.270	ug/L	98
52) Ethylbenzene	9.565	91	301109	5.375	ug/L	99
53) m,p-Xylene	9.690	106	114396	5.376	ug/L	97
54) o-Xylene	10.095	106	112361	5.347	ug/L	98
55) Styrene	10.108	104	190259	5.537	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	59923	5.605	ug/L	98
59) Bromoform	10.285	173	30986	5.254	ug/L	98
60) Isopropylbenzene	10.478	105	304695	5.445	ug/L	100
61) 1,2,3-Trichloropropane	10.816	75	40219	5.409	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	249066	5.453	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	256993	5.637	ug/L	99
64) 1,3-Dichlorobenzene	11.738	146	149958	5.369	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	147807	5.327	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	139586	5.446	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	9347	5.880	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.214	180	114256	5.483	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	97264	5.637	ug/L	99
71) Naphthalene	14.082	128	154916	6.207	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	87119	5.966	ug/L	99

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

