

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053925.D
 Acq On : 26 Apr 2023 19:44
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005163

Quant Time: Apr 27 05:58:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	132450	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	70509	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	30325	3.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.916	69	28467	4.204	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.565	65	13479	4.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.633	46	77386	52.372	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.740%
24) Chloroform-d	5.060	84	75008	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.700	65	33301	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.722	84	136875	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.687	67	43175	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.893	98	130805	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.176	79	16454	4.572	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.629	63	65723	51.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.200%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35916	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	49023	4.335	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	53513	5.446	ug/L	99
3) Chloromethane	1.520	50	52115	5.462	ug/L	97
5) Vinyl chloride	1.604	62	61763	5.610	ug/L	97
6) Bromomethane	1.861	94	39350	5.492	ug/L	96
8) Chloroethane	1.935	64	39125	5.694	ug/L	96
9) Trichlorofluoromethane	2.137	101	87737	5.398	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	50016	5.295	ug/L	98
12) 1,1-Dichloroethene	2.578	96	44918	5.392	ug/L	94
13) Acetone	2.645	43	58213	48.582	ug/L	99
14) Carbon disulfide	2.793	76	113942	4.991	ug/L	99
15) Methyl Acetate	2.957	43	14853	5.743	ug/L	98
16) Methylene chloride	3.044	84	57547	5.061	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	101733	5.637	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	46494	5.523	ug/L	100
19) 1,1-Dichloroethane	3.864	63	87466	5.741	ug/L	99
21) 2-Butanone	4.710	43	93407	56.314	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	52480	5.526	ug/L	93
23) Bromochloromethane	4.973	128	24409	5.776	ug/L	96
25) Chloroform	5.083	83	94863	5.733	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	53363	5.626	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	79604	5.515	ug/L	99
30) Cyclohexane	5.385	56	68052	5.248	ug/L	98
31) Carbon tetrachloride	5.523	117	67455	5.376	ug/L	98
33) Benzene	5.771	78	199374	5.509	ug/L	100
34) Trichloroethene	6.539	95	55100	5.587	ug/L	99
35) Methylcyclohexane	6.758	83	78669	5.164	ug/L	98
37) 1,2-Dichloropropane	6.787	63	51340	5.718	ug/L	98
38) Bromodichloromethane	7.102	83	60653	5.404	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	73019	5.393	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	222212	54.862	ug/L	99
42) Toluene	7.967	91	213705	5.568	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	58982	5.387	ug/L	95
45) 1,1,2-Trichloroethane	8.394	97	37593	5.586	ug/L	97
47) Tetrachloroethene	8.549	164	45475	5.818	ug/L	98
48) 2-Hexanone	8.681	43	161777	52.548	ug/L	98
49) Dibromochloromethane	8.806	129	38836	5.450	ug/L	94
50) 1,2-Dibromoethane	8.918	107	34484	5.539	ug/L #	96
51) Chlorobenzene	9.443	112	140136	5.378	ug/L	98
52) Ethylbenzene	9.565	91	226019	5.363	ug/L	100
53) m,p-Xylene	9.690	106	90410	5.598	ug/L	97
54) o-Xylene	10.095	106	83450	5.355	ug/L	95
55) Styrene	10.111	104	140998	5.531	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	44284	5.519	ug/L	94
59) Bromoform	10.285	173	19257	4.803	ug/L	95
60) Isopropylbenzene	10.481	105	225259	5.313	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	29983	5.515	ug/L	97
62) 1,3,5-Trimethylbenzene	11.082	105	179910	5.220	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	184656	5.295	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	109699	5.178	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	107757	5.033	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	100635	5.143	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	5927	5.290	ug/L	93
69) 1,3,5-Trichlorobenzene	13.214	180	76338	5.032	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	61322	4.440	ug/L	99
71) Naphthalene	14.082	128	97770	4.005	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	54717	4.440	ug/L	96

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

