

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053703.D
 Acq On : 14 Apr 2023 09:31
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005149

Quant Time: Apr 15 05:26:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 02:17:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	139603	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	133432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	71072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50920	5.302	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.000%
7) Chloroethane-d5	1.909	69	41425	4.753	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.562	65	18588	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.620	46	75793	34.450	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.900%
24) Chloroform-d	5.057	84	81572	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.697	65	37016	4.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
32) Benzene-d6	5.723	84	159060	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.687	67	48969	4.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.896	98	155309	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.176	79	19317	4.369	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.629	63	68093	37.913	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.820%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35619	3.714	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	54475	4.260	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	54485	5.439	ug/L	100
3) Chloromethane	1.520	50	56260	5.583	ug/L	99
5) Vinyl chloride	1.601	62	63638	5.600	ug/L	98
6) Bromomethane	1.851	94	26227	3.644	ug/L	97
8) Chloroethane	1.929	64	38446	5.820	ug/L	99
9) Trichlorofluoromethane	2.134	101	89712	5.228	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	49182	5.654	ug/L	96
12) 1,1-Dichloroethene	2.575	96	43944	5.560	ug/L	94
13) Acetone	2.629	43	63971	48.995	ug/L #	47
14) Carbon disulfide	2.790	76	120913	5.212	ug/L	99
15) Methyl Acetate	2.951	43	14590	4.764	ug/L	98
16) Methylene chloride	3.041	84	53617	5.165	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	92338	4.819	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	44875	5.466	ug/L	88
19) 1,1-Dichloroethane	3.864	63	79943	5.286	ug/L	98
21) 2-Butanone	4.700	43	90121	44.452	ug/L	97
22) cis-1,2-Dichloroethene	4.658	96	48596	4.393	ug/L	98
23) Bromochloromethane	4.970	128	22379	5.716	ug/L	90
25) Chloroform	5.083	83	86800	5.579	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	50033	5.134	ug/L	97
29) 1,1,1-Trichloroethane	5.311	97	78022	5.923	ug/L	96
30) Cyclohexane	5.382	56	65396	4.659	ug/L	96
31) Carbon tetrachloride	5.520	117	63617	5.707	ug/L	100
33) Benzene	5.771	78	182944	5.117	ug/L	100
34) Trichloroethene	6.539	95	53325	5.601	ug/L	93
35) Methylcyclohexane	6.761	83	79701	4.879	ug/L	97
37) 1,2-Dichloropropane	6.787	63	46469	4.923	ug/L	100
38) Bromodichloromethane	7.102	83	55947	5.336	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	69115	4.956	ug/L	96
40) 4-Methyl-2-pentanone	7.787	43	214952	46.531	ug/L	97
42) Toluene	7.967	91	200207	5.125	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	56080	4.942	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	34063	5.082	ug/L	92
47) Tetrachloroethene	8.549	164	41065	5.870	ug/L	97
48) 2-Hexanone	8.681	43	156690	45.873	ug/L	98
49) Dibromochloromethane	8.806	129	36030	5.436	ug/L	99
50) 1,2-Dibromoethane	8.922	107	33274	5.140	ug/L	98
51) Chlorobenzene	9.443	112	130923	5.313	ug/L	97
52) Ethylbenzene	9.568	91	217636	5.111	ug/L	99
53) m,p-Xylene	9.690	106	85716	5.281	ug/L	98
54) o-Xylene	10.099	106	78938	5.125	ug/L	98
55) Styrene	10.111	104	132909	5.255	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	40575	4.794	ug/L	99
59) Bromoform	10.288	173	18948	5.178	ug/L	97
60) Isopropylbenzene	10.481	105	218664	5.065	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	27426	4.657	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	177784	5.075	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	182291	5.081	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	104064	5.483	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	105584	5.540	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	96304	5.352	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.992	75	5548	4.859	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.214	180	75355	5.687	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	62914	5.972	ug/L	97
71) Naphthalene	14.082	128	105938	5.338	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	56495	6.144	ug/L	98

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

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