

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053866.D
 Acq On : 25 Apr 2023 00:58
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005158

Quant Time: Apr 25 05:08:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 05:01:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	135533	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	131007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	72397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41424	5.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.916	69	35732	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.568	65	17090	5.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	4.639	46	79737	52.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.480%
24) Chloroform-d	5.060	84	82482	5.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.700	65	38324	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.723	84	161624	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.687	67	48782	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.893	98	153261	5.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
43) trans-1,3-Dichloroprop...	8.176	79	18282	4.979	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.629	63	67318	51.803	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.600%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	38309	5.077	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	56506	4.866	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	52512	5.223	ug/L	95
3) Chloromethane	1.520	50	51818	5.307	ug/L	99
5) Vinyl chloride	1.604	62	61601	5.468	ug/L	97
6) Bromomethane	1.861	94	39262	5.355	ug/L	95
8) Chloroethane	1.935	64	36885	5.245	ug/L	97
9) Trichlorofluoromethane	2.141	101	86650	5.209	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	51451	5.323	ug/L	99
12) 1,1-Dichloroethene	2.581	96	44839	5.260	ug/L	99
13) Acetone	2.658	43	54461	44.417	ug/L	99
14) Carbon disulfide	2.793	76	115981	4.965	ug/L	98
15) Methyl Acetate	2.961	43	14272	5.393	ug/L	99
16) Methylene chloride	3.044	84	51411	4.419	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	98841	5.352	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	46246	5.368	ug/L	96
19) 1,1-Dichloroethane	3.867	63	83779	5.374	ug/L	99
21) 2-Butanone	4.723	43	85054	50.112	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	51794	5.330	ug/L	97
23) Bromochloromethane	4.973	128	23472	5.428	ug/L	98
25) Chloroform	5.086	83	91129	5.382	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	51078	5.263	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	78099	5.303	ug/L	99
30) Cyclohexane	5.385	56	69279	5.236	ug/L	99
31) Carbon tetrachloride	5.523	117	69077	5.396	ug/L	100
33) Benzene	5.771	78	194455	5.266	ug/L	100
34) Trichloroethene	6.539	95	53625	5.329	ug/L	97
35) Methylcyclohexane	6.761	83	78166	5.029	ug/L	99
37) 1,2-Dichloropropane	6.784	63	49181	5.368	ug/L	99
38) Bromodichloromethane	7.102	83	59747	5.217	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	70118	5.075	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	218590	52.891	ug/L	99
42) Toluene	7.964	91	211130	5.392	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	56731	5.078	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	36715	5.347	ug/L	99
47) Tetrachloroethene	8.549	164	43855	5.499	ug/L	99
48) 2-Hexanone	8.681	43	159016	50.621	ug/L	99
49) Dibromochloromethane	8.806	129	37957	5.220	ug/L	99
50) 1,2-Dibromoethane	8.919	107	34973	5.505	ug/L #	95
51) Chlorobenzene	9.443	112	137658	5.178	ug/L	98
52) Ethylbenzene	9.565	91	221799	5.158	ug/L	99
53) m,p-Xylene	9.690	106	86780	5.266	ug/L	99
54) o-Xylene	10.095	106	85133	5.354	ug/L	99
55) Styrene	10.108	104	136187	5.235	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	43297	5.288	ug/L	98
59) Bromoform	10.288	173	20513	4.983	ug/L	99
60) Isopropylbenzene	10.478	105	223790	5.141	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	28701	5.141	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	181027	5.115	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	182613	5.100	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	107568	4.945	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	105078	4.780	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	99118	4.933	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	5548	4.822	ug/L	98
69) 1,3,5-Trichlorobenzene	13.214	180	73063	4.690	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	58326	4.113	ug/L	97
71) Naphthalene	14.082	128	96449	3.848	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	53645	4.240	ug/L	96

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

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