

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052670.D
 Acq On : 13 Jan 2023 10:44
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005124

Quant Time: Jan 13 22:25:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	144169	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	137316	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	73715	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54749	4.323	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.912	69	47255	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.565	65	26513	4.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.649	46	171131	50.532	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.060%
24) Chloroform-d	5.057	84	119354	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.697	65	63971	5.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.723	84	235150	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.687	67	76653	5.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.893	98	210161	5.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
43) trans-1,3-Dichloroprop...	8.176	79	30356	5.504	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.000%
46) 2-Hexanone-d5	8.632	63	136844	59.727	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.460%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	62721	5.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	70865	5.281	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	74862	4.833	ug/L	98
3) Chloromethane	1.520	50	77148	4.101	ug/L	99
5) Vinyl chloride	1.604	62	74958	4.165	ug/L	97
6) Bromomethane	1.858	94	43571	4.664	ug/L	95
8) Chloroethane	1.935	64	46448	4.245	ug/L	96
9) Trichlorofluoromethane	2.138	101	101788	4.798	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	61298	4.911	ug/L	99
12) 1,1-Dichloroethene	2.578	96	57578	4.606	ug/L	93
13) Acetone	2.671	43	115293	47.469	ug/L	90
14) Carbon disulfide	2.790	76	196645	4.552	ug/L	100
15) Methyl Acetate	2.961	43	27888	4.789	ug/L	95
16) Methylene chloride	3.044	84	74518	4.480	ug/L	92
17) Methyl tert-butyl Ether	3.363	73	150661	5.447	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	64006	5.021	ug/L	93
19) 1,1-Dichloroethane	3.864	63	123474	4.665	ug/L	100
21) 2-Butanone	4.726	43	202018	51.669	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	67548	4.934	ug/L	98
23) Bromochloromethane	4.970	128	30181	5.208	ug/L	84
25) Chloroform	5.083	83	125201	4.811	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	80672	5.116	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	102091	4.739	ug/L	98
30) Cyclohexane	5.385	56	113694	5.245	ug/L	99
31) Carbon tetrachloride	5.520	117	86084	5.099	ug/L	95
33) Benzene	5.768	78	280347	5.158	ug/L	100
34) Trichloroethene	6.539	95	65222	5.073	ug/L	98
35) Methylcyclohexane	6.761	83	111997	5.276	ug/L	98
37) 1,2-Dichloropropane	6.787	63	74531	5.110	ug/L	98
38) Bromodichloromethane	7.102	83	88770	5.169	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	98707	5.331	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	469319	56.260	ug/L	99
42) Toluene	7.964	91	282712	5.222	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	85700	5.362	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	48868	5.327	ug/L	96
47) Tetrachloroethene	8.549	164	49254	5.200	ug/L	98
48) 2-Hexanone	8.684	43	343417	56.225	ug/L	97
49) Dibromochloromethane	8.806	129	56486	5.326	ug/L	99
50) 1,2-Dibromoethane	8.919	107	45401	5.383	ug/L	99
51) Chlorobenzene	9.443	112	170022	5.041	ug/L	98
52) Ethylbenzene	9.565	91	283076	5.133	ug/L	99
53) m,p-Xylene	9.690	106	112084	5.365	ug/L	99
54) o-Xylene	10.095	106	107933	5.403	ug/L	98
55) Styrene	10.108	104	185807	5.453	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	64579	5.389	ug/L	96
59) Bromoform	10.288	173	32035	5.589	ug/L	99
60) Isopropylbenzene	10.478	105	274107	5.246	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	45915	5.359	ug/L	96
62) 1,3,5-Trimethylbenzene	11.083	105	221156	5.307	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	221392	5.274	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	127652	5.136	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	125269	4.941	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	118757	5.078	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	10747	5.439	ug/L #	91
69) 1,3,5-Trichlorobenzene	13.214	180	88416	4.789	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	71054	4.799	ug/L	98
71) Naphthalene	14.082	128	127520	4.961	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	67574	4.981	ug/L	99

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

