

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122922\
 Data File : VU052617.D
 Acq On : 29 Dec 2022 20:13
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005123

Quant Time: Dec 30 01:01:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 30 00:58:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	170857	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	166536	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	91729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	83741	4.838	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.916	69	75816	5.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.568	65	37332	5.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	4.645	46	305426	56.900	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.800%
24) Chloroform-d	5.060	84	154677	5.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.700	65	88487	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.726	84	311202	5.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
36) 1,2-Dichloropropane-d6	6.687	67	107001	5.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.893	98	272474	5.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.600%
43) trans-1,3-Dichloroprop...	8.176	79	37796	5.616	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.400%
46) 2-Hexanone-d5	8.632	63	221186	60.070	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.140%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	90057	5.397	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	95738	5.126	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	70342	4.627	ug/L	100
3) Chloromethane	1.520	50	105345	4.801	ug/L	99
5) Vinyl chloride	1.604	62	93218	4.686	ug/L	97
6) Bromomethane	1.861	94	39068	3.445	ug/L	99
8) Chloroethane	1.935	64	59180	4.344	ug/L	98
9) Trichlorofluoromethane	2.141	101	108022	4.803	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	63805	4.773	ug/L	100
12) 1,1-Dichloroethene	2.581	96	60459	4.725	ug/L	98
13) Acetone	2.668	43	173795	43.920	ug/L	62
14) Carbon disulfide	2.793	76	182904	4.436	ug/L	100
15) Methyl Acetate	2.961	43	41725	4.786	ug/L	99
16) Methylene chloride	3.044	84	81580	4.513	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	163749	4.794	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	62552	4.743	ug/L	99
19) 1,1-Dichloroethane	3.867	63	140367	4.894	ug/L	98
21) 2-Butanone	4.723	43	303254	52.036	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	70038	4.839	ug/L	97
23) Bromochloromethane	4.973	128	32777	4.887	ug/L	99
25) Chloroform	5.083	83	132849	4.781	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	93142	4.852	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	104796	5.000	ug/L	99
30) Cyclohexane	5.385	56	112685	4.975	ug/L	98
31) Carbon tetrachloride	5.520	117	84575	4.592	ug/L	97
33) Benzene	5.771	78	293606	4.895	ug/L	100
34) Trichloroethene	6.539	95	65881	4.698	ug/L	98
35) Methylcyclohexane	6.761	83	104860	4.959	ug/L	96
37) 1,2-Dichloropropane	6.787	63	85068	5.082	ug/L	99
38) Bromodichloromethane	7.102	83	96241	4.724	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	104197	4.915	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	635855	51.984	ug/L	98
42) Toluene	7.967	91	297910	5.180	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	95019	5.086	ug/L	98
45) 1,1,2-Trichloroethane	8.395	97	56705	4.783	ug/L	98
47) Tetrachloroethene	8.549	164	47427	4.845	ug/L	97
48) 2-Hexanone	8.681	43	481913	52.268	ug/L	99
49) Dibromochloromethane	8.806	129	62663	4.992	ug/L	100
50) 1,2-Dibromoethane	8.919	107	52666	4.887	ug/L #	98
51) Chlorobenzene	9.443	112	182355	4.965	ug/L	100
52) Ethylbenzene	9.565	91	295568	4.966	ug/L	100
53) m,p-Xylene	9.690	106	114818	5.232	ug/L	99
54) o-Xylene	10.095	106	108673	5.165	ug/L	99
55) Styrene	10.108	104	194338	5.310	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	80747	4.927	ug/L #	99
59) Bromoform	10.285	173	34670	4.302	ug/L	99
60) Isopropylbenzene	10.478	105	287267	4.832	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	58375	4.437	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	224955	4.588	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	231576	4.691	ug/L	100
64) 1,3-Dichlorobenzene	11.738	146	140747	4.771	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	139493	4.573	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	134430	4.612	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	13346	4.482	ug/L	92
69) 1,3,5-Trichlorobenzene	13.214	180	97849	4.505	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	79335	4.341	ug/L	99
71) Naphthalene	14.082	128	153994	4.164	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	78741	4.298	ug/L	99

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

