

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051828.D
 Acq On : 11 Nov 2022 20:37
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

Quant Time: Nov 12 01:25:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	231150	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	229028	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113756	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76296	4.383	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.909	69	69045	3.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.562	65	30882	4.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.620	46	239376	37.967	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.940%
24) Chloroform-d	5.060	84	162833	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.700	65	84058	3.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
32) Benzene-d6	5.726	84	328807	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.687	67	108838	4.307	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.896	98	300985	5.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	8.176	79	37237	4.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.629	63	207643	44.637	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.280%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	102333	4.419	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	107476	5.148	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	100839	3.989	ug/L	99
3) Chloromethane	1.527	50	116656	3.661	ug/L	99
5) Vinyl chloride	1.601	62	122610	4.017	ug/L	89
6) Bromomethane	1.848	94	93383	6.452	ug/L	96
8) Chloroethane	1.929	64	79499	4.289	ug/L	100
9) Trichlorofluoromethane	2.134	101	149648	4.466	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	92270	4.684	ug/L	98
12) 1,1-Dichloroethene	2.578	96	83067	4.134	ug/L	98
13) Acetone	2.623	43	164514	51.427	ug/L	100
14) Carbon disulfide	2.790	76	202926	3.133	ug/L	100
15) Methyl Acetate	2.945	43	43064	5.142	ug/L	97
16) Methylene chloride	3.041	84	120358	3.657	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	227791	4.944	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	87735	4.068	ug/L	97
19) 1,1-Dichloroethane	3.867	63	185236	4.657	ug/L	100
21) 2-Butanone	4.697	43	285564	57.003	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	107176	4.491	ug/L	99
23) Bromochloromethane	4.973	128	51672	4.631	ug/L	96
25) Chloroform	5.086	83	198993	4.822	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	117805	4.639	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	150108	4.827	ug/L	100
30) Cyclohexane	5.385	56	118368	4.134	ug/L	100
31) Carbon tetrachloride	5.523	117	127318	4.787	ug/L	100
33) Benzene	5.771	78	408844	4.524	ug/L	100
34) Trichloroethene	6.539	95	102640	4.706	ug/L	98
35) Methylcyclohexane	6.761	83	129605	4.298	ug/L	99
37) 1,2-Dichloropropane	6.787	63	115320	4.961	ug/L	99
38) Bromodichloromethane	7.102	83	141940	4.999	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	139735	4.685	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	699282	59.973	ug/L	100
42) Toluene	7.967	91	448464	4.831	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	124172	4.982	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	88918	5.220	ug/L	97
47) Tetrachloroethene	8.552	164	92595	5.543	ug/L	96
48) 2-Hexanone	8.681	43	514659	59.631	ug/L	99
49) Dibromochloromethane	8.809	129	101025	5.191	ug/L	99
50) 1,2-Dibromoethane	8.922	107	78283	5.094	ug/L	90
51) Chlorobenzene	9.443	112	279351	4.782	ug/L	98
52) Ethylbenzene	9.568	91	427704	4.776	ug/L	100
53) m,p-Xylene	9.690	106	171545	4.931	ug/L	96
54) o-Xylene	10.099	106	167730	4.934	ug/L	97
55) Styrene	10.112	104	288323	5.073	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	118887	5.629	ug/L	98
59) Bromoform	10.288	173	58522	5.568	ug/L	98
60) Isopropylbenzene	10.481	105	438007	5.274	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	82650	5.619	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	108877	4.870	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	318291	4.938	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	217482	5.260	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	213860	5.159	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	210121	5.218	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	16613	5.485	ug/L	94
69) 1,3,5-Trichlorobenzene	13.218	180	146759	4.980	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	116103	5.132	ug/L	99
71) Naphthalene	14.082	128	220066	5.211	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	119762	5.242	ug/L	99

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

