

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052131.D
 Acq On : 24 Nov 2022 11:04
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005091

Quant Time: Nov 25 04:35:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	209694	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	215402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106638	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	84263	4.131	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.912	69	75455	4.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.565	65	32579	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.616	46	202099	54.662	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.320%
24) Chloroform-d	5.060	84	164878	5.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
26) 1,2-Dichloroethane-d4	5.700	65	81129	5.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.726	84	332916	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.687	67	104805	5.296	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.896	98	298867	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.176	79	34880	4.836	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.629	63	171687	56.175	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91420	5.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	102455	5.018	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	93557	5.144	ug/L	99
3) Chloromethane	1.523	50	133888	5.641	ug/L	98
5) Vinyl chloride	1.604	62	126781	5.559	ug/L	99
6) Bromomethane	1.851	94	54084	4.622	ug/L	94
8) Chloroethane	1.932	64	76392	5.387	ug/L	94
9) Trichlorofluoromethane	2.137	101	133255	5.312	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	78643	5.127	ug/L	100
12) 1,1-Dichloroethene	2.578	96	82540	5.426	ug/L	93
13) Acetone	2.620	43	131325	52.308	ug/L	99
14) Carbon disulfide	2.793	76	275834	5.238	ug/L	99
15) Methyl Acetate	2.948	43	36201	5.559	ug/L	98
16) Methylene chloride	3.044	84	258081	12.541	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	188410	5.533	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	91815	5.631	ug/L	97
19) 1,1-Dichloroethane	3.867	63	174296	5.931	ug/L	98
21) 2-Butanone	4.694	43	216016	53.682	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	100532	5.874	ug/L	99
23) Bromochloromethane	4.973	128	46853	5.722	ug/L	88
25) Chloroform	5.086	83	177112	5.947	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	105773	5.799	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	134558	5.630	ug/L	100
30) Cyclohexane	5.388	56	115788	4.990	ug/L	98
31) Carbon tetrachloride	5.523	117	108259	5.331	ug/L	100
33) Benzene	5.771	78	408568	5.828	ug/L	100
34) Trichloroethene	6.539	95	94706	5.416	ug/L	96
35) Methylcyclohexane	6.761	83	117660	4.678	ug/L	99
37) 1,2-Dichloropropane	6.787	63	105404	5.807	ug/L	100
38) Bromodichloromethane	7.105	83	122550	5.538	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	119185	5.114	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	530518	55.956	ug/L	99
42) Toluene	7.967	91	428018	5.936	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	102509	5.137	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	75966	5.569	ug/L	98
47) Tetrachloroethene	8.552	164	70689	5.275	ug/L	97
48) 2-Hexanone	8.681	43	395852	56.952	ug/L	99
49) Dibromochloromethane	8.806	129	82214	5.382	ug/L	96
50) 1,2-Dibromoethane	8.922	107	69216	5.571	ug/L #	93
51) Chlorobenzene	9.443	112	255844	5.565	ug/L	99
52) Ethylbenzene	9.568	91	391327	5.582	ug/L	98
53) m,p-Xylene	9.693	106	157032	5.785	ug/L	95
54) o-Xylene	10.099	106	152104	5.846	ug/L	100
55) Styrene	10.111	104	264299	6.015	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	96343	5.655	ug/L	96
59) Bromoform	10.288	173	46558	5.301	ug/L	97
60) Isopropylbenzene	10.481	105	380651	5.683	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	65722	5.385	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	286774	5.356	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	292024	5.494	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	192768	5.636	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	186154	5.457	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	181744	5.518	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	13292	4.977	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	123135	5.077	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	87719	4.750	ug/L	100
71) Naphthalene	14.082	128	149653	4.316	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	89036	4.900	ug/L	100

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

