

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052086.D
 Acq On : 23 Nov 2022 12:39
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005088

Quant Time: Nov 24 08:58:35 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	206863	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	207243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	99432	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	80650	4.008	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.909	69	68364	4.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.565	65	28462	3.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.617	46	199505	54.699	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.400%
24) Chloroform-d	5.060	84	145929	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.697	65	72652	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.726	84	273453	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.687	67	89181	4.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.896	98	235139	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.176	79	30413	4.383	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.629	63	163992	55.769	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.540%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	86364	5.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	84270	4.427	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	95816	5.341	ug/L	100
3) Chloromethane	1.527	50	126814	5.416	ug/L	99
5) Vinyl chloride	1.604	62	117009	5.201	ug/L	97
6) Bromomethane	1.851	94	75583	6.547	ug/L	99
8) Chloroethane	1.932	64	72842	5.207	ug/L	97
9) Trichlorofluoromethane	2.138	101	134292	5.426	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	81275	5.371	ug/L	99
12) 1,1-Dichloroethene	2.578	96	78609	5.238	ug/L	90
13) Acetone	2.620	43	129784	52.401	ug/L	98
14) Carbon disulfide	2.794	76	242861	4.675	ug/L	98
15) Methyl Acetate	2.948	43	34255	5.332	ug/L	97
16) Methylene chloride	3.044	84	118444	5.834	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	176984	5.268	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	83632	5.199	ug/L	97
19) 1,1-Dichloroethane	3.867	63	158029	5.451	ug/L	97
21) 2-Butanone	4.697	43	215649	54.324	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	91922	5.445	ug/L	96
23) Bromochloromethane	4.973	128	44336	5.489	ug/L	97
25) Chloroform	5.086	83	163062	5.551	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	97940	5.443	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	126352	5.495	ug/L	98
30) Cyclohexane	5.388	56	110751	4.961	ug/L	99
31) Carbon tetrachloride	5.523	117	105423	5.396	ug/L	100
33) Benzene	5.771	78	363521	5.390	ug/L	100
34) Trichloroethene	6.539	95	101047	6.007	ug/L	98
35) Methylcyclohexane	6.761	83	114383	4.727	ug/L	98
37) 1,2-Dichloropropane	6.787	63	96537	5.528	ug/L	99
38) Bromodichloromethane	7.102	83	117291	5.509	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	105543	4.707	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	523760	57.418	ug/L	99
42) Toluene	7.967	91	383187	5.523	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	92946	4.841	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	73035	5.565	ug/L	97
47) Tetrachloroethene	8.552	164	64561	5.008	ug/L	97
48) 2-Hexanone	8.681	43	399534	59.745	ug/L	99
49) Dibromochloromethane	8.806	129	81478	5.544	ug/L	97
50) 1,2-Dibromoethane	8.919	107	66333	5.549	ug/L	99
51) Chlorobenzene	9.443	112	231555	5.235	ug/L	98
52) Ethylbenzene	9.568	91	346093	5.131	ug/L	99
53) m,p-Xylene	9.690	106	138145	5.289	ug/L	96
54) o-Xylene	10.099	106	136245	5.443	ug/L	98
55) Styrene	10.112	104	236083	5.584	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	94709	5.778	ug/L	98
59) Bromoform	10.288	173	46809	5.716	ug/L	100
60) Isopropylbenzene	10.481	105	337688	5.407	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	63909	5.616	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	254046	5.088	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	256412	5.174	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	167810	5.262	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	164230	5.164	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	166517	5.422	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	13122	5.269	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	107362	4.748	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	80473	4.673	ug/L	98
71) Naphthalene	14.082	128	154386	4.775	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	83832	4.948	ug/L	95

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

