

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051830.D
 Acq On : 14 Nov 2022 12:42
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

Quant Time: Nov 15 02:54:17 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	206656	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202984	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	101317	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59856	3.846	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.909	69	59857	3.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.565	65	26286	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.623	46	200574	35.583	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.160%
24) Chloroform-d	5.063	84	151319	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.700	65	76122	3.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
32) Benzene-d6	5.726	84	286510	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.690	67	96210	4.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.896	98	264618	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	8.179	79	32635	4.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.629	63	165304	40.095	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.180%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	90805	4.424	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	96325	5.180	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	92816	4.107	ug/L	99
3) Chloromethane	1.523	50	99374	3.488	ug/L	99
5) Vinyl chloride	1.604	62	107122	3.925	ug/L	95
6) Bromomethane	1.855	94	47263	3.652	ug/L	98
8) Chloroethane	1.932	64	69266	4.180	ug/L	99
9) Trichlorofluoromethane	2.138	101	137525	4.591	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	86321	4.901	ug/L	99
12) 1,1-Dichloroethene	2.578	96	76477	4.257	ug/L	96
13) Acetone	2.629	43	151070	52.822	ug/L	99
14) Carbon disulfide	2.793	76	180289	3.113	ug/L	98
15) Methyl Acetate	2.951	43	35265	4.710	ug/L	98
16) Methylene chloride	3.044	84	121961	4.145	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	195458	4.745	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	80671	4.184	ug/L	97
19) 1,1-Dichloroethane	3.867	63	168619	4.741	ug/L	99
21) 2-Butanone	4.703	43	239118	53.389	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	97942	4.591	ug/L	99
23) Bromochloromethane	4.973	128	46548	4.666	ug/L	98
25) Chloroform	5.086	83	180677	4.897	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	105411	4.643	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	135290	4.909	ug/L	99
30) Cyclohexane	5.385	56	106722	4.205	ug/L	100
31) Carbon tetrachloride	5.523	117	116890	4.959	ug/L	99
33) Benzene	5.774	78	378991	4.731	ug/L	100
34) Trichloroethene	6.542	95	91037	4.709	ug/L	98
35) Methylcyclohexane	6.761	83	116296	4.351	ug/L	99
37) 1,2-Dichloropropane	6.790	63	105215	5.107	ug/L	99
38) Bromodichloromethane	7.105	83	131056	5.208	ug/L	95
39) cis-1,3-Dichloropropene	7.607	75	129154	4.886	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	562940	54.475	ug/L	99
42) Toluene	7.967	91	402979	4.898	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	114032	5.162	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	81605	5.405	ug/L	99
47) Tetrachloroethene	8.552	164	71190	4.808	ug/L	94
48) 2-Hexanone	8.681	43	423728	55.395	ug/L	98
49) Dibromochloromethane	8.809	129	94201	5.462	ug/L	99
50) 1,2-Dibromoethane	8.922	107	72225	5.302	ug/L	97
51) Chlorobenzene	9.446	112	260310	5.028	ug/L	98
52) Ethylbenzene	9.568	91	382673	4.821	ug/L	100
53) m,p-Xylene	9.693	106	149329	4.843	ug/L	97
54) o-Xylene	10.099	106	151944	5.043	ug/L	97
55) Styrene	10.111	104	264572	5.252	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	103583	5.533	ug/L	99
59) Bromoform	10.288	173	55205	5.897	ug/L	100
60) Isopropylbenzene	10.481	105	386787	5.229	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	72407	5.527	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	97522	4.898	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	275196	4.793	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	197574	5.366	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	191014	5.174	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	192041	5.354	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	15642	5.798	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	136700	5.208	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	102757	5.100	ug/L	98
71) Naphthalene	14.082	128	185853	4.941	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	106539	5.236	ug/L	99

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

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