

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046951.D
 Acq On : 01 Feb 2022 05:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005180

Quant Time: Feb 01 05:34:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	111804	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	126340	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65528	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	58039	6.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.600%
7) Chloroethane-d5	1.922	69	43684	5.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.000%
11) 1,1-Dichloroethene-d2	2.575	65	22698	6.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.400%
20) 2-Butanone-d5	4.655	46	118346	42.167	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.340%
24) Chloroform-d	5.070	84	87586	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.707	65	47258	5.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.732	84	175559	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.694	67	53141	4.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.899	98	160852	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.182	79	22173	4.529	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.639	63	134279	46.318	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55033	4.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	55176	4.490	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	52775	5.018	ug/L	100
3) Chloromethane	1.527	50	52305	6.040	ug/L	99
5) Vinyl chloride	1.610	62	52312	5.802	ug/L	100
6) Bromomethane	1.864	94	32383	5.740	ug/L	97
8) Chloroethane	1.941	64	32172	6.199	ug/L	99
9) Trichlorofluoromethane	2.147	101	64675	5.886	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36669	5.613	ug/L	99
12) 1,1-Dichloroethene	2.588	96	34985	5.604	ug/L	95
13) Acetone	2.674	43	55646	36.453	ug/L	98
14) Carbon disulfide	2.803	76	106801	5.209	ug/L	99
15) Methyl Acetate	2.970	43	16326	4.896	ug/L	94
16) Methylene chloride	3.054	84	40757	5.406	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	85233	4.866	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	35427	5.239	ug/L	99
19) 1,1-Dichloroethane	3.877	63	67435	5.941	ug/L	98
21) 2-Butanone	4.732	43	102542	41.769	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	37722	5.288	ug/L	95
23) Bromochloromethane	4.983	128	17802	5.073	ug/L	95
25) Chloroform	5.096	83	70163	3.894	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	46315	5.824	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	57926	5.091	ug/L	98
30) Cyclohexane	5.395	56	52041	4.509	ug/L	99
31) Carbon tetrachloride	5.530	117	48585	4.976	ug/L	99
33) Benzene	5.780	78	154557	5.196	ug/L	100
34) Trichloroethene	6.546	95	36862	4.773	ug/L	98
35) Methylcyclohexane	6.768	83	52498	4.058	ug/L	99
37) 1,2-Dichloropropane	6.793	63	40008	5.483	ug/L	100
38) Bromodichloromethane	7.108	83	48585	4.626	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	52173	4.583	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	285345	53.341	ug/L	98
42) Toluene	7.973	91	162833	4.580	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	48967	4.828	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	32991	5.314	ug/L	95
47) Tetrachloroethene	8.555	164	27422	4.366	ug/L	94
48) 2-Hexanone	8.690	43	223204	55.277	ug/L	98
49) Dibromochloromethane	8.813	129	35607	4.862	ug/L	95
50) 1,2-Dibromoethane	8.925	107	32101	5.102	ug/L #	100
51) Chlorobenzene	9.449	112	98111	4.752	ug/L	99
52) Ethylbenzene	9.571	91	152138	4.501	ug/L	99
53) m,p-Xylene	9.697	106	59847	4.441	ug/L	97
54) o-Xylene	10.102	106	55803	4.272	ug/L	90
55) Styrene	10.115	104	100550	4.706	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	43973	5.267	ug/L	96
59) Bromoform	10.292	173	20246	5.017	ug/L	98
60) Isopropylbenzene	10.484	105	147361	4.828	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	32551	5.863	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	108312	4.323	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	112732	4.372	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	70534	4.623	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	71472	4.655	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	71469	4.843	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	6527	5.664	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	48572	4.038	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	38438	3.822	ug/L	99
71) Naphthalene	14.086	128	82291	4.019	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	41976	4.419	ug/L	97

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

