

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046749.D
 Acq On : 12 Jan 2022 17:55
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

Quant Time: Jan 13 01:03:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72047	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	72643	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42563	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19336	3.407	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.919	69	17965	4.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.572	65	8505	3.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.652	46	95596	58.074	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.140%
24) Chloroform-d	5.067	84	49702	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.703	65	28185	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.729	84	89481	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.690	67	28880	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.899	98	82435	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.182	79	12977	4.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.639	63	86946	52.621	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32862	5.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	35683	4.551	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	46058	4.178	ug/L	100
3) Chloromethane	1.523	50	33729	3.552	ug/L	97
5) Vinyl chloride	1.607	62	37799	4.044	ug/L	97
6) Bromomethane	1.861	94	22909	4.072	ug/L	92
8) Chloroethane	1.938	64	23311	4.248	ug/L	97
9) Trichlorofluoromethane	2.144	101	60430	4.943	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	34498	5.543	ug/L	94
12) 1,1-Dichloroethene	2.584	96	29790	4.700	ug/L #	73
13) Acetone	2.681	43	85586	55.456	ug/L	96
14) Carbon disulfide	2.797	76	61381	2.965	ug/L	100
15) Methyl Acetate	2.967	43	13693	4.393	ug/L #	82
16) Methylene chloride	3.051	84	46286	6.002	ug/L	90
17) Methyl tert-butyl Ether	3.366	73	95708	5.177	ug/L	96
18) trans-1,2-Dichloroethene	3.359	96	30118	4.455	ug/L	93
19) 1,1-Dichloroethane	3.874	63	61958	4.974	ug/L	99
21) 2-Butanone	4.732	43	129482	55.299	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	37503	5.075	ug/L	95
23) Bromochloromethane	4.977	128	18931	5.147	ug/L	86
25) Chloroform	5.092	83	69612	5.174	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	45688	4.757	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	60346	5.024	ug/L	97
30) Cyclohexane	5.391	56	42371	4.264	ug/L	93
31) Carbon tetrachloride	5.526	117	49715	4.932	ug/L	100
33) Benzene	5.777	78	136557	4.731	ug/L	100
34) Trichloroethene	6.542	95	36157	4.752	ug/L	98
35) Methylcyclohexane	6.764	83	48554	4.526	ug/L	96
37) 1,2-Dichloropropane	6.793	63	37353	5.073	ug/L	98
38) Bromodichloromethane	7.108	83	51778	5.081	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	54322	4.874	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	282180	51.059	ug/L #	95
42) Toluene	7.970	91	150798	5.090	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	51210	4.958	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	33501	5.276	ug/L	96
47) Tetrachloroethene	8.552	164	27919	5.186	ug/L	93
48) 2-Hexanone	8.687	43	213016	51.611	ug/L #	95
49) Dibromochloromethane	8.809	129	38226	5.220	ug/L	96
50) 1,2-Dibromoethane	8.925	107	31131	5.079	ug/L #	97
51) Chlorobenzene	9.449	112	100996	5.333	ug/L	97
52) Ethylbenzene	9.571	91	163794	5.341	ug/L	98
53) m,p-Xylene	9.693	106	65705	5.593	ug/L	97
54) o-Xylene	10.102	106	64638	5.726	ug/L	97
55) Styrene	10.115	104	114116	5.828	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	45216	5.450	ug/L	95
59) Bromoform	10.291	173	23489	4.777	ug/L #	98
60) Isopropylbenzene	10.484	105	173354	5.281	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	33324	4.714	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	140655	5.152	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	146117	5.315	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	85668	5.369	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	86736	5.310	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	85473	5.341	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	7251	4.431	ug/L	84
69) 1,3,5-Trichlorobenzene	13.217	180	69025	5.716	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	57191	5.591	ug/L	99
71) Naphthalene	14.086	128	118097	5.199	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	57320	5.660	ug/L	97

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

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