

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
 Data File : VU046708.D
 Acq On : 08 Jan 2022 16:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005145

Quant Time: Jan 10 00:41:08 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	75736	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	80021	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48420	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25655	4.300	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.919	69	22399	4.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.575	65	10966	4.359	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.655	46	108255	62.561	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.120%
24) Chloroform-d	5.070	84	56569	5.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.706	65	32730	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.732	84	105128	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.690	67	32662	4.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.899	98	97668	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.182	79	15189	4.899	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.639	63	98912	54.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36664	5.329	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	40457	4.536	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	49950	4.310	ug/L	99
3) Chloromethane	1.523	50	36758	3.683	ug/L	100
5) Vinyl chloride	1.607	62	39166	3.986	ug/L	100
6) Bromomethane	1.864	94	22828	3.860	ug/L	98
8) Chloroethane	1.941	64	24719	4.285	ug/L	96
9) Trichlorofluoromethane	2.144	101	61930	4.819	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35541	5.432	ug/L	97
12) 1,1-Dichloroethene	2.588	96	30343	4.555	ug/L #	77
13) Acetone	2.684	43	79655	49.099	ug/L	58
14) Carbon disulfide	2.800	76	68520	3.149	ug/L	100
15) Methyl Acetate	2.970	43	18898	5.767	ug/L	94
16) Methylene chloride	3.051	84	46692	5.760	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	99733	5.132	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	32065	4.512	ug/L	95
19) 1,1-Dichloroethane	3.877	63	63744	4.868	ug/L	98
21) 2-Butanone	4.739	43	133463	54.223	ug/L	92
22) cis-1,2-Dichloroethene	4.671	96	38078	4.902	ug/L	98
23) Bromochloromethane	4.980	128	19740	5.105	ug/L	88
25) Chloroform	5.092	83	72499	5.126	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	48292	4.783	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	61936	4.681	ug/L	97
30) Cyclohexane	5.394	56	43871	4.008	ug/L	95
31) Carbon tetrachloride	5.530	117	50366	4.536	ug/L	99
33) Benzene	5.777	78	141954	4.465	ug/L	100
34) Trichloroethene	6.542	95	36780	4.388	ug/L	98
35) Methylcyclohexane	6.767	83	50800	4.299	ug/L	94
37) 1,2-Dichloropropane	6.793	63	39305	4.846	ug/L	99
38) Bromodichloromethane	7.108	83	54383	4.844	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	56822	4.628	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	317739	52.192	ug/L	95
42) Toluene	7.970	91	157020	4.811	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	54360	4.778	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	35740	5.110	ug/L	96
47) Tetrachloroethene	8.555	164	28256	4.764	ug/L	94
48) 2-Hexanone	8.690	43	234350	51.545	ug/L #	95
49) Dibromochloromethane	8.812	129	40190	4.982	ug/L	96
50) 1,2-Dibromoethane	8.925	107	33499	4.962	ug/L #	99
51) Chlorobenzene	9.449	112	104966	5.032	ug/L	98
52) Ethylbenzene	9.571	91	168972	5.002	ug/L	100
53) m,p-Xylene	9.693	106	67500	5.216	ug/L	96
54) o-Xylene	10.102	106	65412	5.260	ug/L	96
55) Styrene	10.115	104	119448	5.538	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	49433	5.409	ug/L	94
59) Bromoform	10.291	173	26261	4.694	ug/L	98
60) Isopropylbenzene	10.484	105	176926	4.738	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	36403	4.527	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	144056	4.639	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	152649	4.881	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	92289	5.084	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	94892	5.107	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	90896	4.992	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	7958	4.275	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	72474	5.275	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	61667	5.300	ug/L	100
71) Naphthalene	14.085	128	126012	4.876	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	60616	5.262	ug/L	98

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

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