

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
 Data File : VU044634.D
 Acq On : 14 Sep 2021 18:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005107

Quant Time: Sep 15 01:45:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 15 01:41:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	145974	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	149345	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	78126	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33677	3.910	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.919	69	36799	4.187	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.572	65	17512	4.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.639	46	169472	46.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.880%
24) Chloroform-d	5.070	84	81765	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.710	65	48731	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.735	84	161271	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.697	67	55371	4.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.903	98	140890	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.185	79	18806	4.266	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.642	63	130131	45.930	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.860%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	49564	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	51809	4.019	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	56427	4.847	ug/L	98
3) Chloromethane	1.520	50	68246	4.877	ug/L	100
5) Vinyl chloride	1.607	62	68360	4.789	ug/L	95
6) Bromomethane	1.861	94	34778	4.755	ug/L	98
8) Chloroethane	1.938	64	44979	4.944	ug/L	97
9) Trichlorofluoromethane	2.144	101	80635	5.017	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	49473	5.014	ug/L	99
12) 1,1-Dichloroethene	2.588	96	44885	4.786	ug/L	91
13) Acetone	2.646	43	110884	47.153	ug/L	84
14) Carbon disulfide	2.800	76	136118	4.585	ug/L	99
15) Methyl Acetate	2.961	43	26007	6.125	ug/L	93
16) Methylene chloride	3.054	84	59073	3.961	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	132266	5.103	ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	48313	4.846	ug/L	97
19) 1,1-Dichloroethane	3.880	63	99845	4.954	ug/L	99
21) 2-Butanone	4.719	43	188865	48.100	ug/L	83
22) cis-1,2-Dichloroethene	4.674	96	54399	4.950	ug/L	98
23) Bromochloromethane	4.983	128	24021	5.159	ug/L	96
25) Chloroform	5.096	83	106159	4.943	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	71916	5.114	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	80932	4.973	ug/L	99
30) Cyclohexane	5.395	56	86086	4.619	ug/L	98
31) Carbon tetrachloride	5.533	117	62108	4.877	ug/L	100
33) Benzene	5.780	78	217750	4.913	ug/L	100
34) Trichloroethene	6.549	95	53493	4.875	ug/L	99
35) Methylcyclohexane	6.771	83	84411	4.681	ug/L	98
37) 1,2-Dichloropropane	6.796	63	60348	5.081	ug/L	100
38) Bromodichloromethane	7.112	83	71531	4.967	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	79466	4.723	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	454778	49.193	ug/L	100
42) Toluene	7.973	91	229183	4.951	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	70143	4.885	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	42079	4.983	ug/L	99
47) Tetrachloroethene	8.558	164	37637	4.940	ug/L	98
48) 2-Hexanone	8.694	43	333532	48.470	ug/L	98
49) Dibromochloromethane	8.816	129	44199	4.982	ug/L	100
50) 1,2-Dibromoethane	8.928	107	39093	4.917	ug/L	99
51) Chlorobenzene	9.452	112	139300	4.854	ug/L	99
52) Ethylbenzene	9.575	91	242220	4.831	ug/L	100
53) m,p-Xylene	9.700	106	92228	4.837	ug/L	98
54) o-Xylene	10.105	106	89202	4.897	ug/L	99
55) Styrene	10.118	104	157696	4.946	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	56524	4.985	ug/L	97
59) Bromoform	10.295	173	23589	4.858	ug/L	99
60) Isopropylbenzene	10.488	105	234067	4.786	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	41670	4.827	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	194152	4.780	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	202374	4.852	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	107401	4.710	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	109157	4.640	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	102943	4.756	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	8856	4.665	ug/L	92
69) 1,3,5-Trichlorobenzene	13.224	180	78910	4.552	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	64292	4.397	ug/L	99
71) Naphthalene	14.092	128	113354	3.974	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	59308	4.406	ug/L	100

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

