

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046734.D
 Acq On : 12 Jan 2022 11:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

Quant Time: Jan 12 13:00:54 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	6.253	114	75584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	76664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21361	3.588	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.919	69	18879	4.027	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.575	65	9802	3.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.665	46	101910	59.013	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.020%
24) Chloroform-d	5.070	84	52345	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.706	65	30748	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.732	84	94858	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.693	67	29891	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.902	98	88040	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.182	79	14704	4.951	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.639	63	100321	57.531	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36884	5.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	36554	4.474	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	49357	4.268	ug/L	100
3) Chloromethane	1.523	50	36150	3.629	ug/L	98
5) Vinyl chloride	1.607	62	39259	4.003	ug/L	97
6) Bromomethane	1.864	94	24108	4.084	ug/L	98
8) Chloroethane	1.941	64	24329	4.226	ug/L	97
9) Trichlorofluoromethane	2.147	101	64294	5.013	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36512	5.592	ug/L	95
12) 1,1-Dichloroethene	2.588	96	30845	4.639	ug/L #	70
13) Acetone	2.694	43	87068	53.776	ug/L	89
14) Carbon disulfide	2.800	76	67468	3.107	ug/L	98
15) Methyl Acetate	2.970	43	18085	5.530	ug/L #	87
16) Methylene chloride	3.054	84	47730	5.900	ug/L	90
17) Methyl tert-butyl Ether	3.369	73	106019	5.466	ug/L	97
18) trans-1,2-Dichloroethene	3.362	96	32595	4.595	ug/L	94
19) 1,1-Dichloroethane	3.877	63	64630	4.946	ug/L	99
21) 2-Butanone	4.739	43	152973	62.274	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	39383	5.080	ug/L	96
23) Bromochloromethane	4.983	128	20107	5.211	ug/L	86
25) Chloroform	5.095	83	75100	5.320	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	50604	5.022	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	65315	5.152	ug/L	98
30) Cyclohexane	5.394	56	46286	4.414	ug/L	95
31) Carbon tetrachloride	5.530	117	54742	5.146	ug/L	98
33) Benzene	5.777	78	146587	4.812	ug/L	100
34) Trichloroethene	6.546	95	38738	4.824	ug/L	98
35) Methylcyclohexane	6.767	83	53493	4.725	ug/L	96
37) 1,2-Dichloropropane	6.793	63	40189	5.172	ug/L	98
38) Bromodichloromethane	7.108	83	56921	5.293	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	59946	5.097	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	335527	57.527	ug/L #	94
42) Toluene	7.973	91	162622	5.201	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	57746	5.298	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	37892	5.655	ug/L	96
47) Tetrachloroethene	8.555	164	29960	5.273	ug/L	94
48) 2-Hexanone	8.690	43	255312	58.614	ug/L #	95
49) Dibromochloromethane	8.812	129	44320	5.734	ug/L	96
50) 1,2-Dibromoethane	8.928	107	35511	5.490	ug/L #	96
51) Chlorobenzene	9.449	112	106274	5.318	ug/L	99
52) Ethylbenzene	9.571	91	177101	5.472	ug/L	100
53) m,p-Xylene	9.697	106	69868	5.635	ug/L	98
54) o-Xylene	10.102	106	68410	5.742	ug/L	97
55) Styrene	10.118	104	120963	5.854	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	52260	5.968	ug/L	92
59) Bromoform	10.295	173	27799	5.425	ug/L	98
60) Isopropylbenzene	10.488	105	185474	5.423	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	37570	5.100	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	151257	5.317	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	158440	5.531	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	92429	5.559	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	92973	5.462	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	91754	5.502	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	8757	5.136	ug/L	83
69) 1,3,5-Trichlorobenzene	13.221	180	73678	5.855	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	62839	5.896	ug/L	98
71) Naphthalene	14.089	128	134037	5.663	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	62452	5.919	ug/L	99

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

