

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043419.D
 Acq On : 29 Apr 2021 12:21
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005151

Quant Time: Apr 30 07:23:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 27 23:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	90374	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	89833	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47230	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21200	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.919	69	19998	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.572	65	13367	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	4.655	46	116006	57.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.10%
24) Chloroform-d	5.073	84	61465	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.713	65	37798	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.739	84	107767	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.700	67	37519	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.906	98	99559	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloroprop...	8.189	79	14494	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.645	63	70710	46.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.56%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31307	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	36390	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	32262	5.57	ug/L	98
3) Chloromethane	1.520	50	31682	5.56	ug/L	98
5) Vinyl chloride	1.607	62	31043	5.23	ug/L	99
6) Bromomethane	1.861	94	17085	4.82	ug/L	100
8) Chloroethane	1.938	64	19040	4.45	ug/L	100
9) Trichlorofluoromethane	2.144	101	49856	4.51	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	30126	5.04	ug/L	93
12) 1,1-Dichloroethene	2.584	96	25798	5.14	ug/L	73
13) Acetone	2.671	43	84696	57.19	ug/L	75
14) Carbon disulfide	2.800	76	64117	5.01	ug/L	100
15) Methyl Acetate	2.970	43	17375	6.24	ug/L	# 82
16) Methylene chloride	3.054	84	35605	5.48	ug/L	# 72
17) Methyl tert-butyl Ether	3.375	73	76442	4.65	ug/L	# 91
18) trans-1,2-Dichloroethene	3.362	96	26862	5.02	ug/L	88
19) 1,1-Dichloroethane	3.880	63	63547	5.45	ug/L	97
21) 2-Butanone	4.739	43	132202	54.09	ug/L	77
22) cis-1,2-Dichloroethene	4.678	96	31073	4.90	ug/L	85
23) Bromochloromethane	4.986	128	14055	4.86	ug/L	# 67
25) Chloroform	5.099	83	64481	5.18	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	45919	5.03	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	53659	4.84	ug/L #	92
30) Cyclohexane	5.398	56	45258	4.76	ug/L #	84
31) Carbon tetrachloride	5.533	117	43065	4.66	ug/L	98
33) Benzene	5.784	78	125671	5.23	ug/L	100
34) Trichloroethene	6.552	95	31338	4.74	ug/L	95
35) Methylcyclohexane	6.771	83	42000	4.59	ug/L #	86
37) 1,2-Dichloropropane	6.800	63	37255	5.51	ug/L #	96
38) Bromodichloromethane	7.115	83	47134	5.19	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	47958	4.85	ug/L	95
40) 4-Methyl-2-pentanone	7.803	43	309230	51.11	ug/L #	82
42) Toluene	7.976	91	133127	4.96	ug/L	94
44) trans-1,3-Dichloropropene	8.218	75	43661	4.69	ug/L	93
45) 1,1,2-Trichloroethane	8.411	97	24997	4.95	ug/L	97
47) Tetrachloroethene	8.562	164	24001	4.58	ug/L	95
48) 2-Hexanone	8.697	43	235253	52.84	ug/L #	83
49) Dibromochloromethane	8.819	129	29536	4.63	ug/L	95
50) 1,2-Dibromoethane	8.931	107	22950	4.56	ug/L	98
51) Chlorobenzene	9.455	112	81816	4.78	ug/L	93
52) Ethylbenzene	9.578	91	140532	4.57	ug/L	97
53) m,p-Xylene	9.703	106	50852	4.52	ug/L	89
54) o-Xylene	10.108	106	50424	4.53	ug/L	89
55) Styrene	10.121	104	89730	4.70	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.790	83	32491	4.89	ug/L	98
59) Bromoform	10.298	173	17430	4.52	ug/L #	97
60) Isopropylbenzene	10.491	105	137899	4.55	ug/L	96
61) 1,2,3-Trichloropropane	10.832	75	24207	4.96	ug/L	95
62) 1,3,5-Trimethylbenzene	11.095	105	109421	4.41	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	112291	4.41	ug/L	95
64) 1,3-Dichlorobenzene	11.754	146	67173	4.67	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	68349	4.68	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	64793	4.64	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.005	75	5707	4.80	ug/L	87
69) 1,3,5-Trichlorobenzene	13.227	180	52374	4.44	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	43103	4.41	ug/L	100
71) Naphthalene	14.095	128	72955	4.43	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	40532	4.53	ug/L	99

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

