

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040721\
 Data File : VU042981.D
 Acq On : 07 Apr 2021 16:24
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005270

Quant Time: Apr 08 15:32:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 08:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	186927	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	182207	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	100782	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	50238	47.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.34%
7) Chloroethane-d5	1.915	69	42219	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.72%
11) 1,1-Dichloroethene-d2	2.575	63	120576	48.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.46%
21) 2-Butanone-d5	4.626	46	144173	95.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.86%
24) Chloroform-d	5.073	84	126160	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	5.710	65	89605	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.32%
32) Benzene-d6	5.735	84	222014	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
36) 1,2-Dichloropropane-d6	6.700	67	74475	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.60%
41) Toluene-d8	7.906	98	219173	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%
43) trans-1,3-Dichloroprop...	8.185	79	39801	47.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.22%
47) 2-Hexanone-d5	8.639	63	93774	94.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.54%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	125101	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
66) 1,2-Dichlorobenzene-d4	12.201	152	98769	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	73805	49.94	ug/L	98
3) Chloromethane	1.523	50	73732	48.80	ug/L	97
5) Vinyl chloride	1.610	62	70195	49.86	ug/L	98
6) Bromomethane	1.854	94	47156	53.08	ug/L	96
8) Chloroethane	1.935	64	45212	49.14	ug/L	98
9) Trichlorofluoromethane	2.144	101	117852	50.58	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	64782	52.35	ug/L	99
12) 1,1-Dichloroethene	2.587	96	57855	51.38	ug/L	87
13) Acetone	2.626	43	157632	130.75	ug/L	100
14) Carbon disulfide	2.800	76	178323	49.41	ug/L	99
15) Methyl Acetate	2.951	43	106076	50.10	ug/L	99
16) Methylene chloride	3.054	84	68590	51.17	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	62285	50.74	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	216555	50.86	ug/L	99
19) 1,1-Dichloroethane	3.880	63	127811	50.96	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	69520	50.53	ug/L	96
22) 2-Butanone	4.706	43	197823	114.29	ug/L	99
23) Bromochloromethane	4.983	128	36594	49.89	ug/L	95
25) Chloroform	5.099	83	132174	50.79	ug/L	100

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27) 1,2-Dichloroethane	5.803	62	117979	49.76	ug/L	100
29) Cyclohexane	5.398	56	118148	51.45	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	119615	50.94	ug/L	98
31) Carbon tetrachloride	5.536	117	103727	51.71	ug/L	97
33) Benzene	5.784	78	271455	51.90	ug/L	100
34) Trichloroethene	6.549	95	73038	51.34	ug/L	97
35) Methylcyclohexane	6.774	83	114365	53.08	ug/L	99
37) 1,2-Dichloropropane	6.800	63	75475	51.47	ug/L	99
38) Bromodichloromethane	7.111	83	101219	51.30	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	116175	51.84	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	319890	101.04	ug/L	100
42) Toluene	7.976	91	303539	51.88	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	119170	52.20	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	70537	51.60	ug/L	98
46) Tetrachloroethene	8.562	164	59745	52.55	ug/L	99
48) 2-Hexanone	8.690	43	280116	105.23	ug/L	98
49) Dibromochloromethane	8.819	129	80747	49.74	ug/L	98
50) 1,2-Dibromoethane	8.931	107	79195	50.80	ug/L	99
51) Chlorobenzene	9.455	112	189165	51.29	ug/L	99
52) Ethylbenzene	9.578	91	342805	52.17	ug/L	100
53) m,p-Xylene	9.700	106	128499	52.86	ug/L	98
54) o-xylene	10.108	106	125763	51.62	ug/L	98
55) Styrene	10.121	104	214502	51.18	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	129688	48.47	ug/L	98
59) Bromoform	10.298	173	69783	49.16	ug/L	96
60) 1,2,3-Trichloropropane	10.832	75	112929	48.64	ug/L	99
61) Isopropylbenzene	10.491	105	343952	51.78	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	300287	52.84	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	305168	53.03	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	163366	50.78	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	164677	51.55	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	163480	50.62	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	38534	51.65	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	127875	53.17	ug/L	99
70) 1,2,4-trichlorobenzene	13.847	180	107967	57.27	ug/L	100
71) Naphthalene	14.095	128	316311	56.52	ug/L	100
72) 1,2,3-Trichlorobenzene	14.339	180	103805	56.58	ug/L	99

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

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