

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121620\
 Data File : VU041661.D
 Acq On : 16 Dec 2020 11:07
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV206

Quant Time: Dec 17 04:09:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 03:56:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	277703	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	256451	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	126598	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	104191	50.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.40%
7) Chloroethane-d5	1.92	69	89216	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.52%
11) 1,1-Dichloroethene-d2	2.58	63	188695	51.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.72%
21) 2-Butanone-d5	4.64	46	174260	110.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.22%
24) Chloroform-d	5.08	84	191083	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.68%
26) 1,2-Dichloroethane-d4	5.72	65	121976	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.72%
32) Benzene-d6	5.74	84	400444	53.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.78%
36) 1,2-Dichloropropane-d6	6.70	67	123573	53.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.46%
41) Toluene-d8	7.90	98	361534	51.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.54%
43) trans-1,3-Dichloropropene-	8.18	79	62236	52.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.88%
47) 2-Hexanone-d5	8.64	63	136935	109.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.18%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	176877	50.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.16%
66) 1,2-Dichlorobenzene-d4	12.19	152	135326	51.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	112637	48.667	ug/L	98
3) Chloromethane	1.53	50	99468	47.148	ug/L	96
5) Vinyl chloride	1.61	62	111327	47.362	ug/L	99
6) Bromomethane	1.86	94	88340	50.946	ug/L	100
8) Chloroethane	1.94	64	75070	47.770	ug/L	97
9) Trichlorofluoromethane	2.15	101	168807	49.004	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	94583	50.679	ug/L	99
12) 1,1-Dichloroethene	2.59	96	89018	49.939	ug/L	94
13) Acetone	2.65	43	122559	103.790	ug/L	99
14) Carbon disulfide	2.81	76	289511	50.624	ug/L	100
15) Methyl Acetate	2.96	43	114126	50.765	ug/L	100
16) Methylene chloride	3.06	84	101679	49.899	ug/L	98
17) trans-1,2-Dichloroethene	3.37	96	93274	50.472	ug/L	96
18) Methyl tert-butyl Ether	3.38	73	290511	50.649	ug/L	99
19) 1,1-Dichloroethane	3.89	63	167961	49.756	ug/L	99
20) cis-1,2-Dichloroethene	4.68	96	107054	52.891	ug/L	98
22) 2-Butanone	4.72	43	175842	103.495	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	56582	52.130	ug/L	96
25) Chloroform	5.11	83	178511	50.160	ug/L	98
27) 1,2-Dichloroethane	5.81	62	139649	50.287	ug/L	98
29) Cyclohexane	5.40	56	164436	55.751	ug/L	96
30) 1,1,1-Trichloroethane	5.33	97	158346	49.751	ug/L	99
31) Carbon tetrachloride	5.54	117	138967	50.040	ug/L	99
33) Benzene	5.79	78	416758	51.402	ug/L	100
34) Trichloroethene	6.55	95	104554	49.771	ug/L	96
35) Methylcyclohexane	6.77	83	171450	51.477	ug/L	96
37) 1,2-Dichloropropane	6.80	63	109030	53.532	ug/L	99
38) Bromodichloromethane	7.11	83	131843	47.811	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	162903	50.185	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	308822	103.267	ug/L	99
42) Toluene	7.97	91	425241	49.673	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	158336	50.331	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	97602	47.367	ug/L	99
46) Tetrachloroethene	8.56	164	78905	48.396	ug/L	96
48) 2-Hexanone	8.69	43	254518	104.748	ug/L	99
49) Dibromochloromethane	8.81	129	108584	48.666	ug/L	96
50) 1,2-Dibromoethane	8.93	107	108005	50.212	ug/L	99
51) Chlorobenzene	9.45	112	265872	48.624	ug/L	100
52) Ethylbenzene	9.57	91	459300	50.976	ug/L	99
53) m,p-Xylene	9.69	106	177896	51.383	ug/L	96
54) o-xylene	10.10	106	171773	50.821	ug/L	93
55) Styrene	10.11	104	298405	51.905	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.78	83	172283	48.635	ug/L	99
59) Bromoform	10.29	173	85475	50.669	ug/L	99
60) 1,2,3-Trichloropropane	10.82	75	143782	49.627	ug/L	99
61) Isopropylbenzene	10.48	105	459960	52.969	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	385504	53.408	ug/L	100
63) 1,2,4-Trimethylbenzene	11.46	105	393435	53.801	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	207472	49.885	ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	211598	50.468	ug/L	97
67) 1,2-Dichlorobenzene	12.20	146	211120	49.229	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.99	75	47577	52.589	ug/L	97
69) 1,3,5-Trichlorobenzene	13.21	180	156258	52.224	ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	132224	55.059	ug/L	100
71) Naphthalene	14.07	128	482143	61.841	ug/L	99
72) 1,2,3-Trichlorobenzene	14.31	180	133515	55.088	ug/L	98

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

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