

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018126.D
 Acq On : 27 Aug 2020 19:08
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05088

Quant Time: Aug 28 06:25:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 06:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	267144	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266761	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147452	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84526	41.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.94%
7) Chloroethane-d5	1.58	69	77956	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.50%
11) 1,1-Dichloroethene-d2	2.12	63	180195	46.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.44%
21) 2-Butanone-d5	3.91	46	130911	98.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.06%
24) Chloroform-d	4.38	84	180559	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.32%
26) 1,2-Dichloroethane-d4	5.06	65	117045	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
32) Benzene-d6	5.08	84	347178	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
36) 1,2-Dichloropropane-d6	6.09	67	113127	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.14%
41) Toluene-d8	7.34	98	318405	48.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.32%
43) trans-1,3-Dichloropropene-	7.64	79	54652	50.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.26%
47) 2-Hexanone-d5	8.11	63	76896	99.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	153863	49.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	138282	47.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	90608	43.932	ug/L 99
3) Chloromethane	1.25	50	105779	44.152	ug/L 100
5) Vinyl chloride	1.32	62	111486	46.966	ug/L 98
6) Bromomethane	1.53	94	68412	48.221	ug/L 99
8) Chloroethane	1.60	64	72505	47.856	ug/L 98
9) Trichlorofluoromethane	1.76	101	161204	47.542	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	93437	49.352	ug/L 98
12) 1,1-Dichloroethene	2.13	96	88732	49.516	ug/L 97
13) Acetone	2.19	43	104158	75.538	ug/L 98
14) Carbon disulfide	2.31	76	230024	46.638	ug/L 100
15) Methyl Acetate	2.45	43	111286	50.011	ug/L 99
16) Methylene chloride	2.52	84	110118	48.234	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	93385	50.696	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	320609	52.628	ug/L 99
19) 1,1-Dichloroethane	3.21	63	192624	52.005	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	106616	52.669	ug/L 97
22) 2-Butanone	3.99	43	150533	97.313	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	56421	53.355	ug/L	96
25) Chloroform	4.40	83	198383	52.512	ug/L	100
27) 1,2-Dichloroethane	5.16	62	155583	51.740	ug/L	98
29) Cyclohexane	4.70	56	150962	46.888	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	166816	51.030	ug/L	98
31) Carbon tetrachloride	4.86	117	140833	51.751	ug/L	98
33) Benzene	5.13	78	412821	50.020	ug/L	100
34) Trichloroethene	5.94	95	106518	48.827	ug/L	97
35) Methylcyclohexane	6.16	83	150200	46.302	ug/L	99
37) 1,2-Dichloropropane	6.20	63	113881	50.597	ug/L	100
38) Bromodichloromethane	6.53	83	146184	52.290	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	171164	53.645	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	303435	103.129	ug/L	100
42) Toluene	7.41	91	442667	51.401	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	169183	55.885	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	107879	51.756	ug/L	99
46) Tetrachloroethene	8.00	164	81720	51.077	ug/L	98
48) 2-Hexanone	8.16	43	231931	97.753	ug/L	99
49) Dibromochloromethane	8.27	129	117329	57.670	ug/L	100
50) 1,2-Dibromoethane	8.37	107	111339	51.629	ug/L	97
51) Chlorobenzene	8.90	112	287433	51.894	ug/L	99
52) Ethylbenzene	9.03	91	485235	51.675	ug/L	99
53) m,p-Xylene	9.16	106	182235	52.765	ug/L	98
54) o-xylene	9.56	106	177596	52.035	ug/L	99
55) Styrene	9.58	104	321313	54.974	ug/L	99
56) Isopropylbenzene	9.95	105	478751	53.172	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	168043	51.773	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	139720	50.265	ug/L	99
61) Bromoform	9.75	173	85472	61.262	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	239887	51.161	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	244237	50.705	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	243541	50.463	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	35765	50.297	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	185362	52.040	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	172735	55.159	ug/L	100
69) Naphthalene	13.52	128	475942	55.140	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	178597	56.080	ug/L	98

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

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