

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018106.D
 Acq On : 27 Aug 2020 10:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05087

Quant Time: Aug 28 06:05:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 12:21:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	281165	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280478	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153238	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92853	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.56%
7) Chloroethane-d5	1.58	69	82544	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.06%
11) 1,1-Dichloroethene-d2	2.12	63	187639	45.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.46%
21) 2-Butanone-d5	3.91	46	128436	91.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.41%
24) Chloroform-d	4.37	84	186275	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.05	65	121592	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
32) Benzene-d6	5.07	84	364974	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
36) 1,2-Dichloropropane-d6	6.09	67	118253	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.58%
41) Toluene-d8	7.33	98	334963	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%
43) trans-1,3-Dichloropropene-	7.64	79	59090	51.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.10%
47) 2-Hexanone-d5	8.11	63	74170	91.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.46%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	151424	46.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	141605	46.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	86731	39.955	ug/L	99
3) Chloromethane	1.25	50	99103	39.302	ug/L	100
5) Vinyl chloride	1.32	62	103786	41.542	ug/L	99
6) Bromomethane	1.53	94	63965	42.838	ug/L	99
8) Chloroethane	1.60	64	68982	43.260	ug/L	100
9) Trichlorofluoromethane	1.76	101	155310	43.520	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	91203	45.770	ug/L	98
12) 1,1-Dichloroethene	2.13	96	83375	44.206	ug/L	96
13) Acetone	2.20	43	149039	102.696	ug/L	98
14) Carbon disulfide	2.31	76	219404	42.266	ug/L	100
15) Methyl Acetate	2.45	43	97693	41.713	ug/L	100
16) Methylene chloride	2.52	84	97922	40.753	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	86528	44.631	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	291593	45.478	ug/L	99
19) 1,1-Dichloroethane	3.21	63	174745	44.826	ug/L	100
20) cis-1,2-Dichloroethene	3.93	96	96650	45.365	ug/L	96
22) 2-Butanone	3.99	43	160618	98.655	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	51186	45.990	ug/L	97
25) Chloroform	4.40	83	181517	45.651	ug/L	98
27) 1,2-Dichloroethane	5.15	62	140336	44.342	ug/L	98
29) Cyclohexane	4.70	56	142137	41.988	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	151363	44.038	ug/L	99
31) Carbon tetrachloride	4.85	117	130980	45.776	ug/L	99
33) Benzene	5.12	78	376021	43.333	ug/L	100
34) Trichloroethene	5.94	95	100123	43.651	ug/L	98
35) Methylcyclohexane	6.15	83	145410	42.633	ug/L	100
37) 1,2-Dichloropropane	6.19	63	103381	43.686	ug/L	99
38) Bromodichloromethane	6.53	83	134416	45.729	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	158281	47.181	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	260220	84.116	ug/L	100
42) Toluene	7.41	91	403271	44.536	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	153921	48.357	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	96424	43.998	ug/L	99
46) Tetrachloroethene	7.99	164	77535	46.091	ug/L	99
48) 2-Hexanone	8.15	43	223914	89.759	ug/L	99
49) Dibromochloromethane	8.26	129	107129	50.081	ug/L	100
50) 1,2-Dibromoethane	8.37	107	99892	44.055	ug/L	96
51) Chlorobenzene	8.90	112	261997	44.989	ug/L	98
52) Ethylbenzene	9.03	91	444450	45.017	ug/L	100
53) m,p-Xylene	9.16	106	167237	46.055	ug/L	97
54) o-xylene	9.56	106	161667	45.051	ug/L	98
55) Styrene	9.58	104	292664	47.624	ug/L	100
56) Isopropylbenzene	9.95	105	439044	46.377	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	144977	42.482	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	122003	41.745	ug/L	100
61) Bromoform	9.75	173	77511	53.458	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	221466	45.449	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	226049	45.157	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	221237	44.110	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	30417	41.161	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	173548	46.884	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	159283	48.943	ug/L	99
69) Naphthalene	13.52	128	406767	45.346	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	159768	48.273	ug/L	99

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

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