

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019062.D
 Acq On : 21 Oct 2020 20:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Oct 22 06:11:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 06:00:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	248926	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	240209	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131293	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103945	50.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.46%
7) Chloroethane-d5	1.58	69	89774	55.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.13	63	208946	54.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.04%
21) 2-Butanone-d5	3.91	46	137930	96.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.57%
24) Chloroform-d	4.38	84	181970	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
26) 1,2-Dichloroethane-d4	5.06	65	125752	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
32) Benzene-d6	5.07	84	332213	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
36) 1,2-Dichloropropane-d6	6.09	67	105378	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.00%
41) Toluene-d8	7.34	98	345713	54.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.92%
43) trans-1,3-Dichloropropene-	7.64	79	58101	53.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.04%
47) 2-Hexanone-d5	8.11	63	104241	125.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.16%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	129868	49.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	126103	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	92362	42.850	ug/L	99
3) Chloromethane	1.25	50	124355	51.156	ug/L	100
5) Vinyl chloride	1.32	62	129624	55.170	ug/L	97
6) Bromomethane	1.53	94	79184	55.239	ug/L	98
8) Chloroethane	1.60	64	83312	59.122	ug/L	100
9) Trichlorofluoromethane	1.77	101	167826	54.118	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	89067	55.155	ug/L	97
12) 1,1-Dichloroethene	2.13	96	90946	55.575	ug/L	92
13) Acetone	2.20	43	122040	116.935	ug/L	99
14) Carbon disulfide	2.31	76	272365	48.852	ug/L	100
15) Methyl Acetate	2.45	43	131141	61.169	ug/L	98
16) Methylene chloride	2.52	84	112063	57.081	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	97454	53.646	ug/L	94
18) Methyl tert-butyl Ether	2.78	73	340750	59.369	ug/L	98
19) 1,1-Dichloroethane	3.21	63	197745	55.953	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	93421	48.521	ug/L	98
22) 2-Butanone	4.00	43	141942	100.028	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	49739	50.021	ug/L	95
25) Chloroform	4.40	83	179513	50.513	ug/L	99
27) 1,2-Dichloroethane	5.15	62	156580	53.935	ug/L	98
29) Cyclohexane	4.70	56	125324	43.902	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	153588	51.529	ug/L	100
31) Carbon tetrachloride	4.86	117	131727	51.926	ug/L	100
33) Benzene	5.13	78	365902	49.692	ug/L	100
34) Trichloroethene	5.94	95	99077	46.659	ug/L	99
35) Methylcyclohexane	6.16	83	112400	43.706	ug/L	99
37) 1,2-Dichloropropane	6.20	63	98315	49.876	ug/L	98
38) Bromodichloromethane	6.53	83	149088	58.992	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	176957	59.744	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	332049	122.150	ug/L	98
42) Toluene	7.41	91	433101	56.948	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	164586	57.341	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	99846	54.455	ug/L	98
46) Tetrachloroethene	8.00	164	79652	53.226	ug/L	98
48) 2-Hexanone	8.16	43	270768	125.626	ug/L	98
49) Dibromochloromethane	8.27	129	110319	56.831	ug/L	99
50) 1,2-Dibromoethane	8.37	107	106008	55.476	ug/L	99
51) Chlorobenzene	8.90	112	242453	48.899	ug/L	100
52) Ethylbenzene	9.03	91	406743	49.405	ug/L	99
53) m,p-Xylene	9.16	106	151620	49.433	ug/L	100
54) o-xylene	9.56	106	149847	51.066	ug/L	98
55) Styrene	9.58	104	269674	52.249	ug/L	99
56) Isopropylbenzene	9.95	105	384789	49.950	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	125717	50.495	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	120095	50.332	ug/L	99
61) Bromoform	9.75	173	74834	52.177	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	196682	48.323	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	201760	47.149	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	200310	48.779	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	30402	49.680	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	135272	49.475	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	129022	51.212	ug/L	99
69) Naphthalene	13.52	128	378531	52.943	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	132759	52.717	ug/L	99

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

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