

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033120\
 Data File : VV015324.D
 Acq On : 31 Mar 2020 19:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05087

Quant Time: Apr 01 01:27:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 01 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	629861	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	638629	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	299206	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	163819	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.34%
7) Chloroethane-d5	1.58	69	166634	38.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.98%
11) 1,1-Dichloroethene-d2	2.12	63	369779	37.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.68%
21) 2-Butanone-d5	3.92	46	280034	93.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.24%
24) Chloroform-d	4.38	84	364949	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.06	65	234472	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.90%
32) Benzene-d6	5.08	84	673657	40.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.82%
36) 1,2-Dichloropropane-d6	6.09	67	221086	42.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.82%
41) Toluene-d8	7.34	98	657750	40.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.56%
43) trans-1,3-Dichloropropene-	7.64	79	117311	41.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.64%
47) 2-Hexanone-d5	8.11	63	233188	95.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	344512	44.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	248400	41.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.42%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	214656	48.442	ug/L 99
3) Chloromethane	1.25	50	237281	47.153	ug/L 99
5) Vinyl chloride	1.32	62	251162	47.310	ug/L 98
6) Bromomethane	1.53	94	163114	45.929	ug/L 99
8) Chloroethane	1.60	64	181082	49.464	ug/L 98
9) Trichlorofluoromethane	1.77	101	474744	52.903	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	224556	46.666	ug/L 100
12) 1,1-Dichloroethene	2.13	96	213501	45.832	ug/L 97
13) Acetone	2.20	43	177242	86.482	ug/L 100
14) Carbon disulfide	2.31	76	480784	42.412	ug/L 98
15) Methyl Acetate	2.46	43	203504	49.451	ug/L 98
16) Methylene chloride	2.52	84	204656	46.958	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	184863	47.356	ug/L 97
18) Methyl tert-butyl Ether	2.79	73	642266	48.322	ug/L 98
19) 1,1-Dichloroethane	3.21	63	359322	49.371	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	218226	49.730	ug/L # 96
22) 2-Butanone	4.01	43	288309	96.502	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	104455	48.355	ug/L	99
25) Chloroform	4.41	83	383842	49.395	ug/L	98
27) 1,2-Dichloroethane	5.16	62	314071	50.816	ug/L	100
29) Cyclohexane	4.70	56	322361	47.587	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	352655	48.703	ug/L	100
31) Carbon tetrachloride	4.86	117	288526	47.036	ug/L	98
33) Benzene	5.13	78	822212	48.633	ug/L	100
34) Trichloroethene	5.94	95	215669	47.552	ug/L	97
35) Methylcyclohexane	6.16	83	342709	48.176	ug/L	99
37) 1,2-Dichloropropane	6.20	63	210247	48.891	ug/L	99
38) Bromodichloromethane	6.53	83	303790	49.125	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	356268	49.056	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	615770	96.305	ug/L	99
42) Toluene	7.41	91	948094	49.955	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	352495	49.397	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	216397	49.951	ug/L	98
46) Tetrachloroethene	8.00	164	145677	48.541	ug/L	96
48) 2-Hexanone	8.16	43	463265	94.446	ug/L	99
49) Dibromochloromethane	8.27	129	236409	49.931	ug/L	97
50) 1,2-Dibromoethane	8.37	107	229822	48.825	ug/L	99
51) Chlorobenzene	8.90	112	605204	48.997	ug/L	99
52) Ethylbenzene	9.03	91	1071000	50.042	ug/L	99
53) m,p-Xylene	9.16	106	411318	50.386	ug/L	98
54) o-xylene	9.57	106	409817	50.465	ug/L	97
55) Styrene	9.58	104	692953	50.005	ug/L	98
56) Isopropylbenzene	9.96	105	1065700	49.853	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	361814	50.324	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	296901	49.901	ug/L	99
61) Bromoform	9.76	173	148927	49.909	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	445437	48.814	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	441448	47.396	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	446730	48.513	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	92643	45.726	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	281288	48.297	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	263268	47.574	ug/L	100
69) Naphthalene	13.53	128	1050540	47.624	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	268039	48.262	ug/L	98

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

