

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015016.D
 Acq On : 18 Mar 2020 14:01
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Manual Integrations
 APPROVED

sam
 3/19/2020 11:30:36 AM

Quant Time: Mar 19 02:23:50 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Mar 19 02:01:59 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	294176	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	286155	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14808	10.77	ug/L	0.00
7) Chloroethane-d5	1.58	69	11634	10.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	26551	11.30	ug/L	0.00
21) 2-Butanone-d5	3.94	46	21100m	22.27	ug/L	0.02
24) Chloroform-d	4.38	84	37192	10.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	22718	10.26	ug/L	0.00
32) Benzene-d6	5.08	84	73764	10.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	21365	10.75	ug/L	0.00
41) Toluene-d8	7.34	98	72361	10.59	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	10655	10.03	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	18511	20.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32471	10.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	31891	10.44	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	28910	11.496	ug/L 98
3) Chloromethane	1.25	50	18546	10.848	ug/L 98
5) Vinyl chloride	1.32	62	17995	10.884	ug/L 100
6) Bromomethane	1.53	94	11729	10.933	ug/L 100
8) Chloroethane	1.60	64	10505	11.792	ug/L 99
9) Trichlorofluoromethane	1.77	101	29974	11.395	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	14617	11.554	ug/L 98
12) 1,1-Dichloroethene	2.13	96	13012	10.869	ug/L 82
13) Acetone	2.20	43	18173m	23.762	ug/L
14) Carbon disulfide	2.31	76	45644	10.760	ug/L 99
15) Methyl Acetate	2.46	43	13776	10.445	ug/L 97
16) Methylene chloride	2.53	84	20789	10.958	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	19995	11.127	ug/L 89
18) Methyl tert-butyl Ether	2.79	73	60548	10.946	ug/L 99
19) 1,1-Dichloroethane	3.22	63	34533	11.184	ug/L 98
20) cis-1,2-Dichloroethene	3.95	96	21870	10.890	ug/L 98
22) 2-Butanone	4.03	43	22536m	21.374	ug/L
23) Bromochloromethane	4.28	128	12250m	11.222	ug/L
25) Chloroform	4.41	83	38837	11.247	ug/L 99
27) 1,2-Dichloroethane	5.16	62	29082	11.278	ug/L 99
29) Cyclohexane	4.70	56	28477	11.084	ug/L 100
30) 1,1,1-Trichloroethane	4.64	97	34832	11.283	ug/L 98
31) Carbon tetrachloride	4.85	117	30893	11.136	ug/L 100
33) Benzene	5.13	78	79514	11.351	ug/L 100
34) Trichloroethene	5.94	95	21324	11.237	ug/L 99
35) Methylcyclohexane	6.16	83	34022	11.298	ug/L 98
37) 1,2-Dichloropropane	6.20	63	18609	10.985	ug/L 98
38) Bromodichloromethane	6.54	83	27709	11.216	ug/L 99
39) cis-1,3-Dichloropropene	7.05	75	28296	9.976	ug/L 95
40) 4-Methyl-2-pentanone	7.26	43	51490	21.943	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	87340	11.029	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	25895	10.078	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	20146	10.909	ug/L	95
46) Tetrachloroethene	8.00	164	20118	11.165	ug/L	95
48) 2-Hexanone	8.17	43	38887	22.185	ug/L	95
49) Dibromochloromethane	8.27	129	23138	10.781	ug/L	98
50) 1,2-Dibromoethane	8.38	107	23298	11.304	ug/L	93
51) Chlorobenzene	8.90	112	62290	11.188	ug/L	98
52) Ethylbenzene	9.04	91	100803	11.206	ug/L	99
53) m,p-Xylene	9.16	106	38127	10.827	ug/L	99
54) o-xylene	9.57	106	38245	10.967	ug/L	96
55) Styrene	9.58	104	62196	10.619	ug/L	99
56) Isopropylbenzene	9.95	105	99428	10.947	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	33896	11.285	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	27267	11.453	ug/L	99
61) Bromoform	9.75	173	15158	10.073	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	50956	11.123	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	52984	11.112	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	55612	11.429	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.45	75	7216	10.612	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	38784	10.701	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	34916	10.461	ug/L	97
69) Naphthalene	13.52	128	40973	9.402	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	33546	10.230	ug/L	98

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

