

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012732.D
 Acq On : 13 Sep 2019 16:39
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00563

Quant Time: Sep 13 18:27:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 18:23:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	807379	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	765827	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	341907	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22487	4.91	ug/L	0.00
7) Chloroethane-d5	1.58	69	20145	4.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	46926	5.27	ug/L	0.00
21) 2-Butanone-d5	3.94	46	43752	9.22	ug/L	0.01
24) Chloroform-d	4.40	84	57552	5.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	34426	5.01	ug/L	0.00
32) Benzene-d6	5.10	84	97092	4.75	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	35201	4.88	ug/L	0.00
41) Toluene-d8	7.36	98	84153	4.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	13465	4.48	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	18909	6.83	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42296	4.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	38697	4.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	34306	6.347 ug/L	98
3) Chloromethane	1.25	50	36753	6.516 ug/L	98
5) Vinyl chloride	1.32	62	35344	6.267 ug/L	98
6) Bromomethane	1.53	94	22094	6.965 ug/L	97
8) Chloroethane	1.60	64	21151	6.004 ug/L	98
9) Trichlorofluoromethane	1.77	101	51320	6.485 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	31942	6.539 ug/L	98
12) 1,1-Dichloroethene	2.14	96	26460	6.217 ug/L	95
13) Acetone	2.19	43	51577	13.168 ug/L	98
14) Carbon disulfide	2.32	76	58087	6.254 ug/L	99
15) Methyl Acetate	2.46	43	37842	6.086 ug/L	97
16) Methylene chloride	2.53	84	35939	6.436 ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	28792	6.189 ug/L	99
18) Methyl tert-butyl Ether	2.80	73	96700	6.026 ug/L	99
19) 1,1-Dichloroethane	3.23	63	63516	6.316 ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	34880	6.060 ug/L	98
22) 2-Butanone	4.02	43	55394	11.383 ug/L	89
23) Bromochloromethane	4.30	128	18568	6.350 ug/L	96
25) Chloroform	4.42	83	67311	6.372 ug/L	97
27) 1,2-Dichloroethane	5.18	62	49858	6.306 ug/L	98
29) Cyclohexane	4.72	56	41287	5.679 ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	49416	6.171 ug/L	98
31) Carbon tetrachloride	4.87	117	42913	6.224 ug/L	99
33) Benzene	5.14	78	126521	6.074 ug/L	100
34) Trichloroethene	5.96	95	39069	6.452 ug/L	98
35) Methylcyclohexane	6.18	83	43920	5.750 ug/L	96
37) 1,2-Dichloropropane	6.22	63	37700	6.293 ug/L	# 96
38) Bromodichloromethane	6.55	83	47873	6.208 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	46384	5.530 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	91989	11.095 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	124977	5.777	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	40467	5.473	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	37069	6.342	ug/L	96
46) Tetrachloroethene	8.02	164	26242	6.248	ug/L	99
48) 2-Hexanone	8.18	43	71786	10.531	ug/L	99
49) Dibromochloromethane	8.29	129	35834	5.851	ug/L	99
50) 1,2-Dibromoethane	8.40	107	33216	5.899	ug/L	95
51) Chlorobenzene	8.92	112	91648	6.184	ug/L	99
52) Ethylbenzene	9.05	91	134191	5.643	ug/L	98
53) m,p-Xylene	9.18	106	47120	5.380	ug/L	96
54) o-xylene	9.59	106	47592	5.353	ug/L	94
55) Styrene	9.60	104	75277	4.992	ug/L	95
56) Isopropylbenzene	9.97	105	124617	5.334	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	45465	5.697	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	46498	6.098	ug/L	97
61) Bromoform	9.77	173	25474	6.170	ug/L #	95
62) 1,3-Dichlorobenzene	11.22	146	64243	6.083	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	67758	6.255	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	69395	6.250	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	8735	5.893	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	46223	5.925	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	36497	5.537	ug/L	98
69) Naphthalene	13.55	128	88604	4.650	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	39635	5.539	ug/L	98

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

