

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010819\
 Data File : VV009193.D
 Acq On : 08 Jan 2019 13:57
 Operator : SY/MD
 Sample : VSTD02579
 Misc : 5.00 G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02579

Quant Time: Jan 08 14:22:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 08 13:47:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	284453	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	258924	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130922	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69722	35.85	ug/L	0.00
7) Chloroethane-d5	1.58	69	65488	34.70	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	187496	28.83	ug/L	0.00
20) 2-Butanone-d5	3.96	46	44102	32.22	ug/L	0.00
24) Chloroform-d	4.40	84	169400	28.28	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	88609	27.65	ug/L	0.00
29) Benzene-d6	5.10	84	341492	29.60	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	95390	28.84	ug/L	0.00
37) Toluene-d8	7.36	98	319916	29.40	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	46277	29.49	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	28395	36.37	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	85375	23.49	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	122110	27.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	111599	24.407 ug/L	99
3) Chloromethane	1.25	50	76050	24.557 ug/L	99
5) Vinyl chloride	1.32	62	78424	23.651 ug/L	97
6) Bromomethane	1.53	94	56881	24.353 ug/L	99
8) Chloroethane	1.60	64	54633	26.735 ug/L	99
9) Trichlorofluoromethane	1.77	101	141506	23.277 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	90583	22.373 ug/L	97
12) 1,1-Dichloroethene	2.14	96	79058	22.516 ug/L #	76
13) Acetone	2.22	43	97432	50.226 ug/L	92
14) Carbon disulfide	2.32	76	325462	32.439 ug/L	99
15) Methyl Acetate	2.47	43	55290	23.035 ug/L	96
16) Methylene chloride	2.53	84	110164	25.923 ug/L	86
17) Methyl tert-butyl Ether	2.81	73	209665	24.379 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	92028	24.731 ug/L	97
19) 1,1-Dichloroethane	3.23	63	148835	24.086 ug/L	99
21) 2-Butanone	4.04	43	71405	42.083 ug/L #	89
22) cis-1,2-Dichloroethene	3.96	96	97131	24.417 ug/L	99
23) Bromochloromethane	4.30	128	46447	24.818 ug/L	98
25) Chloroform	4.43	83	160536	24.397 ug/L	98
27) 1,2-Dichloroethane	5.18	62	103804	23.485 ug/L	100
30) Cyclohexane	4.72	56	142404	24.809 ug/L	99
31) 1,1,1-Trichloroethane	4.66	97	147860	23.488 ug/L	100
32) Carbon tetrachloride	4.88	117	136170	23.633 ug/L	100
34) Benzene	5.15	78	346175	24.870 ug/L	100
35) Trichloroethene	5.96	95	97918	24.418 ug/L	97
36) Methylcyclohexane	6.18	83	165256	24.664 ug/L	99
40) 1,2-Dichloropropane	6.22	63	82917	24.715 ug/L	99
41) Bromodichloromethane	6.56	83	115248	25.062 ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	137066	25.782 ug/L	100
43) 4-Methyl-2-pentanone	7.28	43	108839	34.035 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	365920	24.383	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	115515	24.818	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	69044	23.285	ug/L	97
47) Tetrachloroethene	8.02	164	83965	24.168	ug/L	98
49) 2-Hexanone	8.19	43	93661	39.796	ug/L	98
50) Dibromochloromethane	8.29	129	86198	23.663	ug/L	95
51) 1,2-Dibromoethane	8.40	107	69893	22.542	ug/L	98
52) Chlorobenzene	8.93	112	249212	24.203	ug/L	99
53) Ethylbenzene	9.05	91	418979	24.687	ug/L	98
54) m,p-Xylene	9.18	106	163250	24.689	ug/L	100
55) o-xylene	9.59	106	154948	25.343	ug/L	99
56) Styrene	9.60	104	258763	25.092	ug/L	98
57) Isopropylbenzene	9.97	105	420739	24.803	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	83588	21.040	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	61929	19.502	ug/L	97
62) Bromoform	9.78	173	52020	22.498	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	201496	24.426	ug/L	97
64) 1,4-Dichlorobenzene	11.32	146	202048	23.497	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	188849	24.033	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	13816	16.936	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	159309	23.946	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	129986	24.004	ug/L	99
69) Naphthalene	13.55	128	227076	20.588	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	116193	23.381	ug/L	98

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

