

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022019\
 Data File : VV009310.D
 Acq On : 20 Feb 2019 20:19
 Operator : SY/MD
 Sample : VSTD02571
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02571

Quant Time: Feb 21 03:32:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 21 03:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154670	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149998	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72641	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48424	18.60	ug/L	0.00
7) Chloroethane-d5	1.58	69	60265	12.37	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	123469	17.69	ug/L	0.00
20) 2-Butanone-d5	3.95	46	31719	49.48	ug/L	0.00
24) Chloroform-d	4.40	84	92266	24.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	50880	23.71	ug/L	0.00
29) Benzene-d6	5.10	84	189492	25.12	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	55159	24.87	ug/L	0.00
37) Toluene-d8	7.36	98	179259	24.54	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	27779	24.44	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	25793	51.72	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60427	26.90	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	68281	26.13	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	45004	28.480	ug/L 100
3) Chloromethane	1.25	50	57857	22.274	ug/L 100
5) Vinyl chloride	1.32	62	64909	20.187	ug/L 100
6) Bromomethane	1.53	94	57611	15.030	ug/L 100
8) Chloroethane	1.59	64	55975	12.597	ug/L 100
9) Trichlorofluoromethane	1.76	101	121702	18.570	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	67029	18.298	ug/L 100
12) 1,1-Dichloroethene	2.14	96	58033	18.117	ug/L 100
13) Acetone	2.20	43	30997	44.110	ug/L 100
14) Carbon disulfide	2.31	76	155530	27.763	ug/L 100
15) Methyl Acetate	2.46	43	24858	26.335	ug/L 100
16) Methylene chloride	2.53	84	51462	25.509	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	127712	26.278	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	51533	26.614	ug/L 100
19) 1,1-Dichloroethane	3.23	63	86895	24.324	ug/L 100
21) 2-Butanone	4.03	43	38565	44.207	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	56411	25.225	ug/L 100
23) Bromochloromethane	4.30	128	26728	27.066	ug/L 100
25) Chloroform	4.43	83	90908	23.909	ug/L 100
27) 1,2-Dichloroethane	5.18	62	62162	21.781	ug/L 100
30) Cyclohexane	4.72	56	84396	23.111	ug/L 100
31) 1,1,1-Trichloroethane	4.66	97	82726	22.800	ug/L 100
32) Carbon tetrachloride	4.87	117	69232	22.271	ug/L 100
34) Benzene	5.15	78	205924	24.208	ug/L 100
35) Trichloroethene	5.96	95	55481	24.688	ug/L 100
36) Methylcyclohexane	6.18	83	95906	24.315	ug/L 100
40) 1,2-Dichloropropane	6.22	63	49828	24.449	ug/L 100
41) Bromodichloromethane	6.55	83	71615	24.123	ug/L 100
42) cis-1,3-Dichloropropene	7.07	75	85189	25.041	ug/L 100
43) 4-Methyl-2-pentanone	7.28	43	76532	45.605	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	230342	23.891	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	72986	23.632	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	42977	25.706	ug/L	100
47) Tetrachloroethene	8.02	164	43704	23.351	ug/L	100
49) 2-Hexanone	8.19	43	62073	46.026	ug/L	100
50) Dibromochloromethane	8.29	129	52674	24.400	ug/L	100
51) 1,2-Dibromoethane	8.40	107	43648	25.230	ug/L	100
52) Chlorobenzene	8.93	112	151477	24.080	ug/L	100
53) Ethylbenzene	9.05	91	260757	23.662	ug/L	100
54) m,p-Xylene	9.18	106	99336	23.565	ug/L	100
55) o-xylene	9.59	106	99013	24.153	ug/L	100
56) Styrene	9.60	104	167948	23.764	ug/L	100
57) Isopropylbenzene	9.98	105	262274	23.573	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	61040	25.875	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	42485	24.825	ug/L	100
62) Bromoform	9.78	173	32959	24.235	ug/L	100
63) 1,3-Dichlorobenzene	11.23	146	120265	25.098	ug/L	100
64) 1,4-Dichlorobenzene	11.32	146	120853	24.997	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	112689	24.869	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	11207	26.078	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	87315	24.621	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	71609	24.772	ug/L	100
69) Naphthalene	13.55	128	153834	27.255	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	68064	26.130	ug/L	100

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

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