

Data File : VV009893.D
Acq On : 26 Mar 2019 13:42
Operator : SY/MD
Sample : VSTD10064
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD10064

Quant Time: Mar 26 14:10:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 14:05:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	208549	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231671	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121757	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	342708	130.62	ug/L	0.00
7) Chloroethane-d5	1.56	69	346774	101.65	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	954578	137.58	ug/L	0.00
20) 2-Butanone-d5	3.93	46	155211	196.35	ug/L	0.00
24) Chloroform-d	4.40	84	494113	97.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	300162	107.27	ug/L	0.00
29) Benzene-d6	5.10	84	1010742	82.07	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	298080	82.59	ug/L	0.00
37) Toluene-d8	7.36	98	1050732	88.94	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	152879	84.74	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	142029	185.94	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	356547	101.15	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	450841	99.97	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	255904	96.937	ug/L	99
3) Chloromethane	1.25	50	278206	99.287	ug/L	97
5) Vinyl chloride	1.32	62	402814	129.391	ug/L	99
6) Bromomethane	1.51	94	348829	104.185	ug/L	100
8) Chloroethane	1.58	64	303381	114.287	ug/L	99
9) Trichlorofluoromethane	1.76	101	840682	133.922	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	495227	142.180	ug/L	99
12) 1,1-Dichloroethene	2.14	96	430012	143.580	ug/L	91
13) Acetone	2.19	43	275662	305.027	ug/L	100
14) Carbon disulfide	2.32	76	619590	79.623	ug/L	100
15) Methyl Acetate	2.46	43	123009	103.010	ug/L	97
16) Methylene chloride	2.53	84	248173	87.857	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	632618	97.073	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	235007	90.282	ug/L	99
19) 1,1-Dichloroethane	3.23	63	431672	93.349	ug/L	97
21) 2-Butanone	4.01	43	195551	173.638	ug/L	90
22) cis-1,2-Dichloroethene	3.96	96	275082	93.996	ug/L	95
23) Bromochloromethane	4.30	128	127090	96.766	ug/L	96
25) Chloroform	4.43	83	476608	94.708	ug/L	100
27) 1,2-Dichloroethane	5.18	62	374810	107.670	ug/L	98
30) Cyclohexane	4.73	56	386712	70.467	ug/L	97
31) 1,1,1-Trichloroethane	4.66	97	385549	70.073	ug/L	100
32) Carbon tetrachloride	4.88	117	349078	74.389	ug/L	97
34) Benzene	5.15	78	1066366	82.556	ug/L	100
35) Trichloroethene	5.96	95	271483	75.928	ug/L	97
36) Methylcyclohexane	6.18	83	449324	71.973	ug/L	99
40) 1,2-Dichloropropane	6.22	63	266092	82.923	ug/L	# 94
41) Bromodichloromethane	6.55	83	373317	81.808	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	442785	86.843	ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	425774	185.587	ug/L	99

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44) Toluene	7.43	91	1340313	92.776	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	407349	88.124	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	234842	88.599	ug/L	99
47) Tetrachloroethene	8.02	164	221064	83.472	ug/L	95
49) 2-Hexanone	8.18	43	336925	175.885	ug/L	98
50) Dibromochloromethane	8.29	129	285419	86.087	ug/L	94
51) 1,2-Dibromoethane	8.40	107	239188	89.638	ug/L #	95
52) Chlorobenzene	8.93	112	864808	92.419	ug/L	98
53) Ethylbenzene	9.06	91	1601126	96.901	ug/L	99
54) m,p-Xylene	9.18	106	675207	104.903	ug/L	92
55) o-xylene	9.59	106	681023	111.597	ug/L	96
56) Styrene	9.60	104	1287654	125.797	ug/L	98
57) Isopropylbenzene	9.98	105	1812317	108.701	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	351592	97.546	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	245989	95.822	ug/L	97
62) Bromoform	9.78	173	184221	84.283	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	702486	89.881	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	721208	92.448	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	753323	102.586	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	49568	68.364	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	513268	93.006	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	417807	97.522	ug/L	99
69) Naphthalene	13.55	128	824247	95.017	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	391058	98.471	ug/L	99

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

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