

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011057.D
 Acq On : 28 May 2019 10:31
 Operator : SY/MD
 Sample : VSTD2.566
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD2.566

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 3:42:38 PM

Quant Time: May 28 11:56:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 28 11:51:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	570980	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	524094	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	231359	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21573	3.31	ug/L	0.00
7) Chloroethane-d5	1.56	69	15127	3.43	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.12	63	38482	3.07	ug/L	0.00
20) 2-Butanone-d5	3.95	46	10077	4.49	ug/L	0.02
24) Chloroform-d	4.40	84	36294	2.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	20286	2.33	ug/L	0.00
29) Benzene-d6	5.09	84	79476	2.78	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	23694	2.61	ug/L	0.00
37) Toluene-d8	7.36	98	72843	2.74	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.67	79	10466	2.80	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	9268	5.47	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	18374	2.02	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	23937	2.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	22355	2.652 ug/L	100
3) Chloromethane	1.25	50	21056	2.758 ug/L	97
5) Vinyl chloride	1.32	62	20041	2.613 ug/L	91
6) Bromomethane	1.51	94	9558	3.574 ug/L	95
8) Chloroethane	1.58	64	10573	2.755 ug/L	95
9) Trichlorofluoromethane	1.76	101	26971	2.207 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	15752	2.260 ug/L	97
12) 1,1-Dichloroethene	2.13	96	14761	2.450 ug/L	96
13) Acetone	2.19	43	13584	6.271 ug/L	95
14) Carbon disulfide	2.31	76	48236	2.859 ug/L	99
15) Methyl Acetate	2.46	43	11502	2.764 ug/L #	100
16) Methylene chloride	2.53	84	21922	2.237 ug/L	90
17) Methyl tert-butyl Ether	2.81	73	48919	2.295 ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	19480	2.344 ug/L	97
19) 1,1-Dichloroethane	3.22	63	37596	2.484 ug/L	97
21) 2-Butanone	4.03	43	11563m	3.901 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	21576	2.331 ug/L	98
23) Bromochloromethane	4.30	128	9176	2.092 ug/L	91
25) Chloroform	4.42	83	38943	2.274 ug/L	97
27) 1,2-Dichloroethane	5.18	62	22897	2.175 ug/L #	94
30) Cyclohexane	4.72	56	40219	3.693 ug/L	100
31) 1,1,1-Trichloroethane	4.65	97	30300	2.570 ug/L	98
32) Carbon tetrachloride	4.87	117	26822	2.495 ug/L	95
34) Benzene	5.14	78	81028	2.682 ug/L	100
35) Trichloroethene	5.96	95	21207	2.541 ug/L	96
36) Methylcyclohexane	6.17	83	38601	3.128 ug/L	98
40) 1,2-Dichloropropane	6.22	63	20672	2.604 ug/L #	97
41) Bromodichloromethane	6.55	83	25196	2.374 ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	32614	2.760 ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	34753	6.106 ug/L	100

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44) Toluene	7.43	91	87115	2.598	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	26420	2.654	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	14845	2.194	ug/L	94
47) Tetrachloroethene	8.02	164	15571	2.390	ug/L	96
49) 2-Hexanone	8.19	43	19722	4.746	ug/L	97
50) Dibromochloromethane	8.29	129	16423	2.062	ug/L	97
51) 1,2-Dibromoethane	8.40	107	13448	2.055	ug/L #	94
52) Chlorobenzene	8.92	112	52484	2.284	ug/L	96
53) Ethylbenzene	9.05	91	98632	2.700	ug/L	99
54) m,p-Xylene	9.18	106	36906	2.592	ug/L	92
55) o-xylene	9.59	106	35132	2.586	ug/L	95
56) Styrene	9.60	104	56782	2.425	ug/L	98
57) Isopropylbenzene	9.97	105	96000	2.679	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	18171	2.040	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	13919	2.127	ug/L	98
62) Bromoform	9.77	173	9184	2.236	ug/L	100
63) 1,3-Dichlorobenzene	11.23	146	38325	2.429	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	38120	2.346	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	35701	2.333	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3379	2.780	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	27576	2.382	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	19052	2.082	ug/L	99
69) Naphthalene	13.55	128	32554	1.775	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	17176	1.923	ug/L	98

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

