

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100918\
 Data File : VW005937.D
 Acq On : 09 Oct 2018 12:01
 Operator : SY/AP
 Sample : VSTD00595
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00595

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 10:50:48 AM

Quant Time: Oct 09 14:12:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 09 14:04:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	385860	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364395	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	196160	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	24304	4.94	ug/L	0.00
7) Chloroethane-d5	2.89	69	19604	5.11	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	43834	4.08	ug/L	0.00
20) 2-Butanone-d5	7.10	46	11471	7.26	ug/L	0.01
24) Chloroform-d	7.65	84	39328	3.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	21476	3.58	ug/L	0.00
29) Benzene-d6	8.27	84	77162	4.28	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	22945	4.40	ug/L	0.00
37) Toluene-d8	10.33	98	77405	4.35	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	10431	3.81	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	9518	7.80	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	20280	4.00	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	30618	4.41	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	19201m	4.244	ug/L
3) Chloromethane	2.21	50	18600	4.413	ug/L
5) Vinyl chloride	2.37	62	31676	5.212	ug/L
6) Bromomethane	2.79	94	25352	6.934	ug/L
8) Chloroethane	2.93	64	20101	5.949	ug/L
9) Trichlorofluoromethane	3.26	101	23744	5.113	ug/L
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	23690	4.516	ug/L #
12) 1,1-Dichloroethene	4.03	96	23817	4.754	ug/L
13) Acetone	4.14	43	12353	7.512	ug/L
14) Carbon disulfide	4.37	76	77138	4.911	ug/L
15) Methyl Acetate	4.68	43	11619	3.981	ug/L
16) Methylene chloride	4.91	84	28471	4.475	ug/L
17) Methyl tert-butyl Ether	5.43	73	38773	4.864	ug/L #
18) trans-1,2-Dichloroethene	5.42	96	26499	5.143	ug/L
19) 1,1-Dichloroethane	6.21	63	42319	4.439	ug/L
21) 2-Butanone	7.18	43	18623	9.456	ug/L
22) cis-1,2-Dichloroethene	7.17	96	29358	5.242	ug/L
23) Bromochloromethane	7.51	128	13333	5.129	ug/L
25) Chloroform	7.68	83	46686	4.577	ug/L
27) 1,2-Dichloroethane	8.40	62	30833	4.105	ug/L
30) Cyclohexane	7.96	56	42427	5.137	ug/L
31) 1,1,1-Trichloroethane	7.87	97	40145	4.499	ug/L
32) Carbon tetrachloride	8.07	117	38982	4.486	ug/L
34) Benzene	8.33	78	100977	4.904	ug/L
35) Trichloroethene	9.09	95	28233	5.126	ug/L
36) Methylcyclohexane	9.34	83	51081	5.333	ug/L
40) 1,2-Dichloropropane	9.37	63	24653	4.913	ug/L #
41) Bromodichloromethane	9.65	83	32720	4.638	ug/L #
42) cis-1,3-Dichloropropene	10.07	75	39009	4.708	ug/L
43) 4-Methyl-2-pentanone	10.21	43	37172	9.078	ug/L

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	111156	4.831	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	33475	4.338	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	20409	4.874	ug/L	98
47) Tetrachloroethene	10.87	164	25802	5.317	ug/L	95
49) 2-Hexanone	10.98	43	25239	8.781	ug/L	97
50) Dibromochloromethane	11.13	129	25175	4.794	ug/L	97
51) 1,2-Dibromoethane	11.24	107	20811	5.141	ug/L	98
52) Chlorobenzene	11.66	112	75761	5.005	ug/L	99
53) Ethylbenzene	11.74	91	130392	4.949	ug/L	98
54) m,p-Xylene	11.84	106	50932	5.132	ug/L	99
55) o-xylene	12.17	106	47457	5.073	ug/L	99
56) Styrene	12.18	104	81676	4.975	ug/L	96
57) Isopropylbenzene	12.47	105	132771	4.969	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	24891	4.660	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	18720	4.318	ug/L	96
62) Bromoform	12.35	173	15953	4.573	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	64796	5.200	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	65149	5.007	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	58556	4.884	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	4443	3.897	ug/L #	81
67) 1,3,5-Trichlorobenzene	14.63	180	52088	5.094	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	44196	5.261	ug/L	99
69) Naphthalene	15.38	128	86731	5.153	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	39998	5.080	ug/L	99

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

