

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
 Data File : VW003345.D
 Acq On : 20 Jun 2018 10:29
 Operator : SY/AP
 Sample : VSTD02588
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02588

Manual Integrations
 APPROVED

MMDadoda
 6/22/2018 4:55:55 PM

Quant Time: Jun 20 11:29:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 19 17:19:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	406668	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	382793	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	193810	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	143538	27.52	ug/L	0.00
7) Chloroethane-d5	2.89	69	118278	23.28	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	276380	26.49	ug/L	0.00
20) 2-Butanone-d5	7.10	46	82867	46.25	ug/L	0.00
24) Chloroform-d	7.65	84	272242	25.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	160557	25.14	ug/L	0.00
29) Benzene-d6	8.28	84	526214	25.97	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	163977	25.58	ug/L	0.00
37) Toluene-d8	10.33	98	511098	25.97	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	76099	25.05	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	65717	46.17	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	147268	23.70	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	187302	24.54	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55288m	32.67	ug/L	
3) Chloromethane	2.21	50	113107	26.66	ug/L	100
5) Vinyl chloride	2.36	62	166622	25.30	ug/L	98
6) Bromomethane	2.78	94	96191	22.86	ug/L	99
8) Chloroethane	2.93	64	98698	22.41	ug/L	99
9) Trichlorofluoromethane	3.25	101	94322	22.12	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	128931	25.38	ug/L	98
12) 1,1-Dichloroethene	4.03	96	122509	25.45	ug/L	92
13) Acetone	4.15	43	91972	50.32	ug/L	# 88
14) Carbon disulfide	4.37	76	404365	25.90	ug/L	100
15) Methyl Acetate	4.68	43	69642	24.46	ug/L	99
16) Methylene chloride	4.92	84	128966	20.79	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	231143	25.27	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	128476	25.37	ug/L	99
19) 1,1-Dichloroethane	6.21	63	238414	25.87	ug/L	98
21) 2-Butanone	7.19	43	106616	51.37	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	137181	25.60	ug/L	98
23) Bromochloromethane	7.52	128	61883	24.33	ug/L	94
25) Chloroform	7.68	83	246426	25.31	ug/L	100
27) 1,2-Dichloroethane	8.40	62	181067	25.89	ug/L	98
30) Cyclohexane	7.96	56	224500	26.51	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	203204	25.19	ug/L	99
32) Carbon tetrachloride	8.07	117	197136	25.44	ug/L	99
34) Benzene	8.33	78	535095	25.50	ug/L	100
35) Trichloroethene	9.10	95	141304	25.21	ug/L	99
36) Methylcyclohexane	9.34	83	252243	26.18	ug/L	100
40) 1,2-Dichloropropane	9.37	63	139335	25.80	ug/L	100
41) Bromodichloromethane	9.65	83	179439	25.67	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	214737	25.76	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	196844	48.07	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	590834	25.88	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	194232	25.90	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	105083	25.26	ug/L	97
47) Tetrachloroethene	10.87	164	119304	25.38	ug/L	99
49) 2-Hexanone	10.98	43	160166	54.16	ug/L	100
50) Dibromochloromethane	11.13	129	126567	24.99	ug/L	97
51) 1,2-Dibromoethane	11.24	107	101912	24.73	ug/L	96
52) Chlorobenzene	11.66	112	373506	25.05	ug/L	99
53) Ethylbenzene	11.74	91	663785	25.65	ug/L	99
54) m,p-Xylene	11.85	106	249673	26.08	ug/L	94
55) o-xylene	12.17	106	234678	25.78	ug/L	96
56) Styrene	12.19	104	409621	25.83	ug/L	100
57) Isopropylbenzene	12.47	105	661971	26.05	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	134839	24.48	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	103423	24.66	ug/L	99
62) Bromoform	12.35	173	78388	24.81	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	291753	25.31	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	302811	25.13	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	280593	25.75	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23500	25.16	ug/L	94
67) 1,3,5-Trichlorobenzene	14.64	180	229711	25.45	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	188621	25.54	ug/L	98
69) Naphthalene	15.38	128	353261	25.18	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	175315	25.55	ug/L	99

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

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