

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071818\
 Data File : VW004028.D
 Acq On : 18 Jul 2018 12:37
 Operator : VA/AP
 Sample : VSTD02583
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02583

Manual Integrations
 APPROVED

MMDadoda
 7/19/2018 6:07:43 PM

Quant Time: Jul 18 13:10:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 18 13:05:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	318566	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	292650	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	146088	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64594	16.86	ug/L	0.00
7) Chloroethane-d5	2.89	69	47373	15.77	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	158079	19.27	ug/L	0.00
20) 2-Butanone-d5	7.09	46	93663	70.30	ug/L	-0.01
24) Chloroform-d	7.65	84	165437	20.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	99709	20.51	ug/L	0.00
29) Benzene-d6	8.28	84	300033	20.06	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	100681	20.62	ug/L	0.00
37) Toluene-d8	10.33	98	274894	19.57	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	45109	20.37	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	65380	69.62	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	115922	26.07	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	104935	20.01	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	30383m	22.30	ug/L	
3) Chloromethane	2.21	50	62619	20.49	ug/L	96
5) Vinyl chloride	2.36	62	97337	20.96	ug/L	99
6) Bromomethane	2.78	94	51672	20.39	ug/L	100
8) Chloroethane	2.92	64	52377	18.94	ug/L	98
9) Trichlorofluoromethane	3.25	101	48510	19.50	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	92202	23.26	ug/L	98
12) 1,1-Dichloroethene	4.03	96	90478	23.23	ug/L	98
13) Acetone	4.12	43	81150	60.32	ug/L	99
14) Carbon disulfide	4.37	76	290792	23.04	ug/L	100
15) Methyl Acetate	4.67	43	80065	32.30	ug/L	99
16) Methylene chloride	4.91	84	111141	24.42	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	177676	23.70	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	95568	22.95	ug/L	97
19) 1,1-Dichloroethane	6.21	63	183090	23.32	ug/L	99
21) 2-Butanone	7.18	43	111910	68.20	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	102445	23.11	ug/L	95
23) Bromochloromethane	7.51	128	47332	23.22	ug/L	96
25) Chloroform	7.68	83	185549	23.01	ug/L	99
27) 1,2-Dichloroethane	8.40	62	138083	23.76	ug/L	99
30) Cyclohexane	7.96	56	166736	24.73	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	147060	22.85	ug/L	99
32) Carbon tetrachloride	8.07	117	141906	23.29	ug/L	100
34) Benzene	8.32	78	413333	24.15	ug/L	100
35) Trichloroethene	9.10	95	107892	23.54	ug/L	100
36) Methylcyclohexane	9.34	83	188220	24.36	ug/L	99
40) 1,2-Dichloropropane	9.37	63	108810	23.89	ug/L	99
41) Bromodichloromethane	9.65	83	134394	23.34	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	157874	23.42	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	209371	66.10	ug/L	99

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44) Toluene	10.39	91	445356	24.34	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	145887	23.81	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	83976	24.84	ug/L	99
47) Tetrachloroethene	10.87	164	88789	23.81	ug/L	95
49) 2-Hexanone	10.98	43	163404	68.13	ug/L	99
50) Dibromochloromethane	11.13	129	93802	23.28	ug/L	95
51) 1,2-Dibromoethane	11.24	107	83810	25.44	ug/L	98
52) Chlorobenzene	11.66	112	271631	22.75	ug/L	99
53) Ethylbenzene	11.74	91	482386	23.27	ug/L	100
54) m,p-Xylene	11.85	106	181856	23.86	ug/L	99
55) o-xylene	12.17	106	172435	24.01	ug/L	97
56) Styrene	12.19	104	301641	24.22	ug/L	100
57) Isopropylbenzene	12.47	105	475488	23.84	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	121600	27.39	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	95612	28.20	ug/L	99
62) Bromoform	12.35	173	62893	25.74	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	206379	22.82	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	216897	22.66	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	199371	22.86	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23720	30.73	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	161678	22.88	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	130385	22.79	ug/L	99
69) Naphthalene	15.38	128	313692	27.21	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	126294	23.76	ug/L	99

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

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