

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
 Data File : VW009660.D
 Acq On : 03 Apr 2019 11:56
 Operator : SY/VA
 Sample : VSTD00511
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00511

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 8:53:17 AM

Quant Time: Apr 03 14:31:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 14:24:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	493182	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	473824	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229700	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	35142	5.96	ug/L	0.00
7) Chloroethane-d5	2.89	69	31857	4.62	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	73215	5.75	ug/L	0.00
20) 2-Butanone-d5	7.08	46	22377	9.18	ug/L	0.00
24) Chloroform-d	7.64	84	72102	5.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	45389	5.60	ug/L	0.00
29) Benzene-d6	8.27	84	129135	4.94	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	40568	5.17	ug/L	0.00
37) Toluene-d8	10.32	98	116925	4.84	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	17801	4.52	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	12414	6.53	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	38515	4.98	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	41610	4.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	31631	4.869 ug/L	88
3) Chloromethane	2.21	50	31180	4.523 ug/L	98
5) Vinyl chloride	2.37	62	44426	6.262 ug/L	94
6) Bromomethane	2.78	94	30559	5.141 ug/L	96
8) Chloroethane	2.93	64	28794	4.905 ug/L	93
9) Trichlorofluoromethane	3.25	101	24423	4.358 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	35646m	5.508 ug/L	
12) 1,1-Dichloroethene	4.04	96	33472	5.512 ug/L	91
13) Acetone	4.12	43	25121	12.568 ug/L	78
14) Carbon disulfide	4.38	76	102729	6.285 ug/L	97
15) Methyl Acetate	4.67	43	22604	5.757 ug/L #	78
16) Methylene chloride	4.92	84	50012m	6.954 ug/L	
17) Methyl tert-butyl Ether	5.42	73	42589	4.956 ug/L #	83
18) trans-1,2-Dichloroethene	5.42	96	34454	5.396 ug/L	95
19) 1,1-Dichloroethane	6.21	63	66324	5.697 ug/L	96
21) 2-Butanone	7.17	43	29703	10.763 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	35649	5.154 ug/L	91
23) Bromochloromethane	7.51	128	16964	5.113 ug/L	87
25) Chloroform	7.67	83	70521	5.784 ug/L	100
27) 1,2-Dichloroethane	8.40	62	53314	5.865 ug/L #	94
30) Cyclohexane	7.95	56	51101	4.749 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	54377	5.746 ug/L	98
32) Carbon tetrachloride	8.07	117	53059	5.557 ug/L	98
34) Benzene	8.32	78	142158	5.481 ug/L	100
35) Trichloroethene	9.09	95	36852	5.333 ug/L	95
36) Methylcyclohexane	9.33	83	57902	4.843 ug/L	98
40) 1,2-Dichloropropane	9.37	63	37658	5.659 ug/L	98
41) Bromodichloromethane	9.64	83	50378	5.463 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	53154	4.904 ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	55517	9.206 ug/L	100

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44) Toluene	10.38	91	145663	5.137	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	45188	4.792	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	27418	5.164	ug/L	93
47) Tetrachloroethene	10.86	164	29414	5.037	ug/L	96
49) 2-Hexanone	10.97	43	41799	9.841	ug/L	99
50) Dibromochloromethane	11.13	129	32731	4.994	ug/L	91
51) 1,2-Dibromoethane	11.23	107	28255	5.250	ug/L #	97
52) Chlorobenzene	11.66	112	96970	5.332	ug/L	100
53) Ethylbenzene	11.73	91	163199	5.119	ug/L	99
54) m,p-Xylene	11.84	106	59485	4.911	ug/L	99
55) o-xylene	12.16	106	55067	4.660	ug/L	97
56) Styrene	12.18	104	94021	4.664	ug/L	98
57) Isopropylbenzene	12.46	105	150261	4.747	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	37986	5.303	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	28538	5.369	ug/L	99
62) Bromoform	12.35	173	20737	5.343	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	69777	5.097	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	77181	5.453	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	68541	5.250	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	6962	5.441	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	51754	4.847	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	39971	4.456	ug/L	99
69) Naphthalene	15.37	128	73379	3.946	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	38858	4.626	ug/L	98

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

