

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004474.D
 Acq On : 04 Aug 2018 03:07
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02599

Quant Time: Aug 04 04:08:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 04 02:26:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	819172	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	798980	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	397974	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	217385	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.36%
7) Chloroethane-d5	2.89	69	187475	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.48%
10) 1,1-Dichloroethene-d2	4.02	63	475628	22.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.96%
20) 2-Butanone-d5	7.09	46	219435	48.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.68%
24) Chloroform-d	7.65	84	504508	22.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	8.31	65	281750	22.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.16%
29) Benzene-d6	8.28	84	964661	22.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.76%
33) 1,2-Dichloropropane-d6	9.28	67	311787	22.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.76%
37) Toluene-d8	10.33	98	853255	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.08%
38) trans-1,3-Dichloropropene-	10.58	79	118009	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.64%
39) 2-Hexanone-d5	10.93	63	168415	49.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.60%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	356513	23.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	336066	22.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.92%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	203416	23.884	ug/L 95
3) Chloromethane	2.22	50	251181	22.328	ug/L 98
5) Vinyl chloride	2.37	62	375669	25.591	ug/L 97
6) Bromomethane	2.78	94	196308	23.122	ug/L 100
8) Chloroethane	2.93	64	222797	25.298	ug/L 99
9) Trichlorofluoromethane	3.26	101	159690	23.849	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	322284	27.720	ug/L 94
12) 1,1-Dichloroethene	4.03	96	289882	25.521	ug/L 89
13) Acetone	4.15	43	167012	42.909	ug/L 99
14) Carbon disulfide	4.38	76	870614	24.989	ug/L 99
15) Methyl Acetate	4.68	43	202779	25.561	ug/L 98
16) Methylene chloride	4.91	84	340946	20.955	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	368912	23.994	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	287073	24.714	ug/L 95
19) 1,1-Dichloroethane	6.21	63	562766	25.531	ug/L 99
21) 2-Butanone	7.18	43	247295	46.418	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	311687	24.584	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	147213	24.260	ug/L	99
25) Chloroform	7.68	83	565083	25.116	ug/L	100
27) 1,2-Dichloroethane	8.40	62	379860	25.131	ug/L	100
30) Cyclohexane	7.96	56	520687	27.556	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	437006	25.744	ug/L	99
32) Carbon tetrachloride	8.07	117	423023	25.857	ug/L	100
34) Benzene	8.32	78	1269973	25.780	ug/L	100
35) Trichloroethene	9.09	95	311749	25.160	ug/L	99
36) Methylcyclohexane	9.34	83	589167	27.087	ug/L	98
40) 1,2-Dichloropropane	9.37	63	333618	25.571	ug/L	100
41) Bromodichloromethane	9.65	83	383336	24.460	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	414683	23.235	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	511338	52.271	ug/L	99
44) Toluene	10.39	91	1300864	26.241	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	376226	23.451	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	250344	24.682	ug/L	98
47) Tetrachloroethene	10.87	164	245387	25.030	ug/L	99
49) 2-Hexanone	10.98	43	386181	52.532	ug/L	98
50) Dibromochloromethane	11.13	129	270689	24.058	ug/L	99
51) 1,2-Dibromoethane	11.24	107	237615	24.440	ug/L	99
52) Chlorobenzene	11.66	112	819882	24.456	ug/L	97
53) Ethylbenzene	11.74	91	1436451	25.786	ug/L	100
54) m,p-Xylene	11.85	106	543340	26.143	ug/L	98
55) o-xylene	12.17	106	513123	26.056	ug/L	99
56) Styrene	12.19	104	915589	26.682	ug/L	99
57) Isopropylbenzene	12.47	105	1441380	27.040	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	367965	24.996	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	280539	25.516	ug/L	99
62) Bromoform	12.35	173	174190	24.083	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	604442	24.408	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	642689	24.148	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	614489	24.765	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	61020	23.941	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	472079	24.048	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	380285	23.945	ug/L	99
69) Naphthalene	15.38	128	917467	25.331	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	387799	25.074	ug/L	99

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

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