

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005804.D
 Acq On : 03 Oct 2018 04:37
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02588

Quant Time: Oct 03 08:13:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	228992	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	221905	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	118492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	66639	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.32%
7) Chloroethane-d5	2.90	69	55868	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
10) 1,1-Dichloroethene-d2	4.02	63	154882	24.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.20%
20) 2-Butanone-d5	7.09	46	59975	64.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.00%
24) Chloroform-d	7.65	84	166877	28.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.48%
26) 1,2-Dichloroethane-d4	8.31	65	104297	29.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.08%
29) Benzene-d6	8.27	84	306465	27.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.60%
33) 1,2-Dichloropropane-d6	9.27	67	90758	28.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.32%
37) Toluene-d8	10.33	98	294463	27.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.60%
38) trans-1,3-Dichloropropene-	10.58	79	42167	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.16%
39) 2-Hexanone-d5	10.93	63	48430	65.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.28%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	96081	31.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.60%#
61) 1,2-Dichlorobenzene-d4	13.86	152	115806	27.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	63132	23.511	ug/L	96
3) Chloromethane	2.21	50	46249	18.490	ug/L	99
5) Vinyl chloride	2.37	62	81048	22.472	ug/L	96
6) Bromomethane	2.79	94	47744	22.002	ug/L	100
8) Chloroethane	2.93	64	47530	23.702	ug/L	96
9) Trichlorofluoromethane	3.26	101	56193	20.391	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	81968	26.330	ug/L	99
12) 1,1-Dichloroethene	4.04	96	72892	24.516	ug/L	93
13) Acetone	4.14	43	45213	46.328	ug/L	73
14) Carbon disulfide	4.38	76	205849	22.081	ug/L	99
15) Methyl Acetate	4.68	43	46517	26.858	ug/L	97
16) Methylene chloride	4.91	84	88908	23.547	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	112392	23.758	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	73455	24.022	ug/L	98
19) 1,1-Dichloroethane	6.22	63	143696	25.396	ug/L	98
21) 2-Butanone	7.18	43	62063	53.101	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	82474	24.813	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	38876	25.201	ug/L	98
25) Chloroform	7.68	83	157818	26.069	ug/L	100
27) 1,2-Dichloroethane	8.40	62	116253	26.082	ug/L	100
30) Cyclohexane	7.96	56	122355	24.328	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	138710	25.526	ug/L	99
32) Carbon tetrachloride	8.07	117	136087	25.716	ug/L	99
34) Benzene	8.33	78	323287	25.784	ug/L	100
35) Trichloroethene	9.09	95	85409	25.462	ug/L	99
36) Methylcyclohexane	9.34	83	148234	25.414	ug/L	98
40) 1,2-Dichloropropane	9.38	63	81654	26.722	ug/L	99
41) Bromodichloromethane	9.65	83	113148	26.337	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	120079	23.796	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	131018	52.542	ug/L	99
44) Toluene	10.39	91	353772	25.248	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	113194	24.091	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	66689	26.155	ug/L	100
47) Tetrachloroethene	10.87	164	72842	24.648	ug/L	95
49) 2-Hexanone	10.98	43	99139	56.639	ug/L	99
50) Dibromochloromethane	11.13	129	83985	26.263	ug/L	94
51) 1,2-Dibromoethane	11.24	107	64092	26.000	ug/L	99
52) Chlorobenzene	11.66	112	229636	24.912	ug/L	100
53) Ethylbenzene	11.74	91	402929	25.115	ug/L	100
54) m,p-Xylene	11.85	106	153626	25.417	ug/L	95
55) o-xylene	12.17	106	144272	25.325	ug/L	100
56) Styrene	12.19	104	262510	26.257	ug/L	98
57) Isopropylbenzene	12.47	105	416229	25.580	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	90254	27.748	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	72151	27.326	ug/L	99
62) Bromoform	12.35	173	57116	27.107	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	183424	24.370	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	193860	24.664	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	184554	25.483	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	17962	26.085	ug/L	88
67) 1,3,5-Trichlorobenzene	14.64	180	146373	23.695	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	123840	24.405	ug/L	99
69) Naphthalene	15.38	128	267901	26.348	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	122053	25.664	ug/L	99

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

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