

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102818\
 Data File : VW006420.D
 Acq On : 26 Oct 2018 21:31
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Oct 26 23:50:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	281225	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	261550	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	141879	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95026	29.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.84%
7) Chloroethane-d5	2.90	69	85706	31.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.60%
10) 1,1-Dichloroethene-d2	4.02	63	172431	28.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	113.24%#
20) 2-Butanone-d5	7.09	46	60750	57.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.58%
24) Chloroform-d	7.65	84	169143	27.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.08%
26) 1,2-Dichloroethane-d4	8.31	65	94784	28.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.48%
29) Benzene-d6	8.27	84	336875	28.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.48%
33) 1,2-Dichloropropane-d6	9.28	67	96165	26.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.32%
37) Toluene-d8	10.33	98	338820	28.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.12%
38) trans-1,3-Dichloropropene-	10.58	79	42431	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.44%
39) 2-Hexanone-d5	10.93	63	50639	58.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.96%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	103762	29.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	136608	28.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	82111	30.892	ug/L	92
3) Chloromethane	2.22	50	74500	28.541	ug/L	97
5) Vinyl chloride	2.37	62	113717	27.030	ug/L	96
6) Bromomethane	2.79	94	83933	25.621	ug/L	99
8) Chloroethane	2.93	64	72783	28.225	ug/L	98
9) Trichlorofluoromethane	3.26	101	104014	30.904	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	100263	29.796	ug/L	99
12) 1,1-Dichloroethene	4.04	96	89461	27.707	ug/L	87
13) Acetone	4.15	43	54974	51.762	ug/L	99
14) Carbon disulfide	4.38	76	250976	23.778	ug/L	99
15) Methyl Acetate	4.68	43	48766	28.348	ug/L	97
16) Methylene chloride	4.91	84	88872	24.477	ug/L	91
17) Methyl tert-butyl Ether	5.43	73	136274	25.928	ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	93521	26.162	ug/L	96
19) 1,1-Dichloroethane	6.22	63	149853	25.905	ug/L	99
21) 2-Butanone	7.18	43	69250	49.071	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	100220	25.702	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	47963	26.152	ug/L	96
25) Chloroform	7.68	83	164899	26.482	ug/L	100
27) 1,2-Dichloroethane	8.40	62	111361	26.237	ug/L	99
30) Cyclohexane	7.96	56	149973	26.089	ug/L	97
31) 1,1,1-Trichloroethane	7.88	97	147965	27.035	ug/L	99
32) Carbon tetrachloride	8.07	117	144319	26.888	ug/L	99
34) Benzene	8.33	78	359171	26.750	ug/L	100
35) Trichloroethene	9.09	95	103235	27.327	ug/L	99
36) Methylcyclohexane	9.34	83	187912	27.148	ug/L	99
40) 1,2-Dichloropropane	9.37	63	85501	25.670	ug/L	99
41) Bromodichloromethane	9.65	83	110639	24.599	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	132321	24.323	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	139604	52.307	ug/L	98
44) Toluene	10.39	91	404833	26.852	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	116076	24.427	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	75986	27.396	ug/L	99
47) Tetrachloroethene	10.87	164	98261	28.099	ug/L	93
49) 2-Hexanone	10.98	43	101927	51.819	ug/L	95
50) Dibromochloromethane	11.13	129	87634	24.650	ug/L	99
51) 1,2-Dibromoethane	11.24	107	79590	27.567	ug/L	99
52) Chlorobenzene	11.66	112	274250	26.880	ug/L	96
53) Ethylbenzene	11.74	91	470059	26.781	ug/L	100
54) m,p-Xylene	11.85	106	183902	26.730	ug/L	96
55) o-xylene	12.17	106	175258	26.679	ug/L	100
56) Styrene	12.19	104	295213	26.097	ug/L	95
57) Isopropylbenzene	12.47	105	494995	27.082	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	102762	28.510	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	78060	29.026	ug/L	100
62) Bromoform	12.35	173	58296	24.522	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	234584	26.924	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	236130	26.913	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	219172	27.344	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	17243	26.727	ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	192129	27.356	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	161709	27.002	ug/L	99
69) Naphthalene	15.38	128	336274	27.734	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	148164	27.539	ug/L	99

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

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