

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005749.D
 Acq On : 01 Oct 2018 21:12
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02584

Quant Time: Oct 02 05:46:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 05:44:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	235269	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	224709	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	120768	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	64451	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.96%
7) Chloroethane-d5	2.89	69	52245	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.32%
10) 1,1-Dichloroethene-d2	4.02	63	148775	22.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.88%
20) 2-Butanone-d5	7.09	46	62975	65.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.82%
24) Chloroform-d	7.65	84	155299	25.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.76%
26) 1,2-Dichloroethane-d4	8.31	65	96688	26.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.64%
29) Benzene-d6	8.28	84	289116	25.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.96%
33) 1,2-Dichloropropane-d6	9.28	67	82418	25.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.52%
37) Toluene-d8	10.33	98	274175	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.88%
38) trans-1,3-Dichloropropene-	10.58	79	39826	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.36%
39) 2-Hexanone-d5	10.93	63	49946	66.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.68%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	91471	29.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	108378	25.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	61699	22.365	ug/L 96
3) Chloromethane	2.21	50	47625	18.532	ug/L 98
5) Vinyl chloride	2.37	62	83568	22.553	ug/L 96
6) Bromomethane	2.78	94	48540	21.772	ug/L 100
8) Chloroethane	2.93	64	47927	23.263	ug/L 94
9) Trichlorofluoromethane	3.26	101	59945	21.172	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	81063	25.345	ug/L 97
12) 1,1-Dichloroethene	4.04	96	71597	23.438	ug/L 98
13) Acetone	4.12	43	53679	53.536	ug/L 70
14) Carbon disulfide	4.38	76	213234	22.263	ug/L 100
15) Methyl Acetate	4.67	43	51892	29.162	ug/L 98
16) Methylene chloride	4.92	84	83976	21.648	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	110140	22.661	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	73632	23.437	ug/L 95
19) 1,1-Dichloroethane	6.21	63	142792	24.563	ug/L 100
21) 2-Butanone	7.18	43	69998	58.293	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	82542	24.171	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	39354	24.830	ug/L	97
25) Chloroform	7.68	83	153501	24.679	ug/L	100
27) 1,2-Dichloroethane	8.40	62	114850	25.079	ug/L	99
30) Cyclohexane	7.96	56	123535	24.256	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	137984	25.075	ug/L	99
32) Carbon tetrachloride	8.07	117	134595	25.117	ug/L	99
34) Benzene	8.33	78	321857	25.349	ug/L	100
35) Trichloroethene	9.09	95	84605	24.908	ug/L	99
36) Methylcyclohexane	9.34	83	145043	24.556	ug/L	98
40) 1,2-Dichloropropane	9.37	63	81131	26.220	ug/L	100
41) Bromodichloromethane	9.65	83	110266	25.346	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	121515	23.780	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	143493	56.826	ug/L	100
44) Toluene	10.39	91	352714	24.859	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	117255	24.643	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	65764	25.470	ug/L	98
47) Tetrachloroethene	10.87	164	74385	24.856	ug/L	96
49) 2-Hexanone	10.97	43	110456	62.317	ug/L	97
50) Dibromochloromethane	11.13	129	82952	25.617	ug/L	95
51) 1,2-Dibromoethane	11.24	107	65028	26.050	ug/L	94
52) Chlorobenzene	11.66	112	227043	24.324	ug/L	97
53) Ethylbenzene	11.74	91	404479	24.897	ug/L	100
54) m,p-Xylene	11.85	106	153301	25.047	ug/L	97
55) o-xylene	12.17	106	144480	25.045	ug/L	99
56) Styrene	12.19	104	259383	25.621	ug/L	99
57) Isopropylbenzene	12.47	105	414237	25.139	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	92540	28.095	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	75468	28.226	ug/L	100
62) Bromoform	12.35	173	58254	27.126	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	185284	24.153	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	194954	24.336	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	183591	24.872	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	20340	28.981	ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	153945	24.452	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	126968	24.550	ug/L	100
69) Naphthalene	15.38	128	280663	27.083	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	124213	25.626	ug/L	99

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

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