

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091418\
 Data File : VW005378.D
 Acq On : 14 Sep 2018 03:57
 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: Sep 14 06:00:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 05:03:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	304403	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305929	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	156704	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	73124	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.24%
7) Chloroethane-d5	2.89	69	57137	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.00%
10) 1,1-Dichloroethene-d2	4.03	63	140496	22.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.60%
20) 2-Butanone-d5	7.10	46	46858	35.41	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.82%
24) Chloroform-d	7.65	84	145084	25.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.24%
26) 1,2-Dichloroethane-d4	8.31	65	90211	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.40%
29) Benzene-d6	8.29	84	289502	23.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.28%
33) 1,2-Dichloropropane-d6	9.28	67	80348	22.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.68%
37) Toluene-d8	10.33	98	300985	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.76%
38) trans-1,3-Dichloropropene-	10.59	79	40824	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.08%
39) 2-Hexanone-d5	10.93	63	41137	37.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.36%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	80546	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	113420	24.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.48%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	160568	25.59	ug/L	100
3) Chloromethane	2.21	50	143676	24.87	ug/L	96
5) Vinyl chloride	2.36	62	136100	24.72	ug/L	100
6) Bromomethane	2.78	94	75818	26.58	ug/L	99
8) Chloroethane	2.92	64	74821	25.59	ug/L	96
9) Trichlorofluoromethane	3.26	101	175843	24.52	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	98814	25.23	ug/L	100
12) 1,1-Dichloroethene	4.04	96	82560	24.92	ug/L	88
13) Acetone	4.15	43	44980	36.21	ug/L	99
14) Carbon disulfide	4.39	76	310671	23.89	ug/L	99
15) Methyl Acetate	4.69	43	53526	19.53	ug/L	99
16) Methylene chloride	4.93	84	113444	19.62	ug/L	99
17) Methyl tert-butyl Ether	5.44	73	224995	24.47	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	95793	25.90	ug/L	96
19) 1,1-Dichloroethane	6.23	63	177094	26.20	ug/L	97
21) 2-Butanone	7.19	43	68835	36.16	ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	100830	25.54	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	47449	25.79	ug/L	97
25) Chloroform	7.68	83	187784	26.42	ug/L	100
27) 1,2-Dichloroethane	8.41	62	143448	26.00	ug/L	97
30) Cyclohexane	7.96	56	164997	23.89	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	173743	24.98	ug/L	99
32) Carbon tetrachloride	8.07	117	157322	24.38	ug/L	99
34) Benzene	8.33	78	430041	25.23	ug/L	100
35) Trichloroethene	9.10	95	109155	24.13	ug/L	99
36) Methylcyclohexane	9.34	83	182842	23.29	ug/L	99
40) 1,2-Dichloropropane	9.38	63	104115	24.74	ug/L	100
41) Bromodichloromethane	9.65	83	130824	24.26	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	155444	25.01	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	161139	40.06	ug/L	100
44) Toluene	10.40	91	502325	25.72	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	144339	24.79	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	79779	24.16	ug/L	98
47) Tetrachloroethene	10.87	164	98763	24.11	ug/L	99
49) 2-Hexanone	10.98	43	120068	40.60	ug/L	100
50) Dibromochloromethane	11.13	129	97595	24.74	ug/L	98
51) 1,2-Dibromoethane	11.24	107	75639	23.33	ug/L	99
52) Chlorobenzene	11.66	112	322000	25.27	ug/L	97
53) Ethylbenzene	11.74	91	574519	25.29	ug/L	99
54) m,p-Xylene	11.85	106	215611	25.35	ug/L	100
55) o-xylene	12.17	106	204944	25.66	ug/L	100
56) Styrene	12.19	104	361568	26.23	ug/L	99
57) Isopropylbenzene	12.47	105	563193	25.39	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	102904	22.66	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	85308	21.98	ug/L	99
62) Bromoform	12.35	173	62527	23.81	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	250239	25.11	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	260311	25.31	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	241264	25.29	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	20668	19.97	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.64	180	193105	24.47	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	156956	24.07	ug/L	99
69) Naphthalene	15.38	128	323575	22.65	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	152859	24.94	ug/L	99

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

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