

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092818\
 Data File : VW005723.D
 Acq On : 28 Sep 2018 16:11
 Operator : SY/AP
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV85

Quant Time: Sep 29 01:19:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 28 16:00:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	238709	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240971	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	126580	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74141	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.44%
7) Chloroethane-d5	2.90	69	59895	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.92%
10) 1,1-Dichloroethene-d2	4.01	63	157428	23.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.76%
20) 2-Butanone-d5	7.09	46	65371	66.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.84%
24) Chloroform-d	7.65	84	148535	24.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	8.31	65	92873	25.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.04%
29) Benzene-d6	8.28	84	280528	23.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.08%
33) 1,2-Dichloropropane-d6	9.28	67	75564	21.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.68%
37) Toluene-d8	10.33	98	286586	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.32%
38) trans-1,3-Dichloropropene-	10.58	79	43840	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.84%
39) 2-Hexanone-d5	10.93	63	52418	64.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.84%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	91550	27.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	107821	24.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	73428	26.233	ug/L	92
3) Chloromethane	2.21	50	66773	25.609	ug/L	95
5) Vinyl chloride	2.37	62	93155	24.778	ug/L	97
6) Bromomethane	2.79	94	54326	24.016	ug/L	97
8) Chloroethane	2.93	64	52242	24.992	ug/L	100
9) Trichlorofluoromethane	3.26	101	73666	25.644	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	77004	23.729	ug/L	98
12) 1,1-Dichloroethene	4.03	96	73653	23.764	ug/L	88
13) Acetone	4.14	43	60251	59.224	ug/L	71
14) Carbon disulfide	4.37	76	218079	22.441	ug/L	96
15) Methyl Acetate	4.68	43	52211	28.919	ug/L	98
16) Methylene chloride	4.92	84	80004	20.327	ug/L	90
17) Methyl tert-butyl Ether	5.43	73	120098	24.353	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	74170	23.268	ug/L	89
19) 1,1-Dichloroethane	6.22	63	144953	24.576	ug/L	99
21) 2-Butanone	7.18	43	75462	61.937	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	85634	24.715	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	37693	23.440	ug/L	98
25) Chloroform	7.68	83	145707	23.089	ug/L	99
27) 1,2-Dichloroethane	8.40	62	110696	23.824	ug/L	100
30) Cyclohexane	7.96	56	131550	24.086	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	138252	23.428	ug/L	99
32) Carbon tetrachloride	8.07	117	134208	23.355	ug/L	99
34) Benzene	8.33	78	300058	22.038	ug/L	100
35) Trichloroethene	9.09	95	81820	22.462	ug/L	98
36) Methylcyclohexane	9.34	83	143364	22.634	ug/L	99
40) 1,2-Dichloropropane	9.37	63	72845	21.953	ug/L	98
41) Bromodichloromethane	9.65	83	107451	23.032	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	127204	23.214	ug/L	97
43) 4-Methyl-2-pentanone	10.22	43	151671	56.011	ug/L	99
44) Toluene	10.39	91	362099	23.798	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	124498	24.400	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	66813	24.130	ug/L	99
47) Tetrachloroethene	10.87	164	75999	23.682	ug/L	96
49) 2-Hexanone	10.98	43	115690	60.865	ug/L	99
50) Dibromochloromethane	11.13	129	84024	24.197	ug/L	98
51) 1,2-Dibromoethane	11.24	107	65135	24.332	ug/L	96
52) Chlorobenzene	11.66	112	233697	23.347	ug/L	97
53) Ethylbenzene	11.74	91	419758	24.094	ug/L	100
54) m,p-Xylene	11.85	106	157318	23.969	ug/L	99
55) o-xylene	12.17	106	149281	24.131	ug/L	98
56) Styrene	12.19	104	263352	24.257	ug/L	99
57) Isopropylbenzene	12.47	105	432030	24.450	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	92538	26.199	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	75562	26.354	ug/L	98
62) Bromoform	12.35	173	58339	25.918	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	192464	23.937	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	193396	23.033	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	180708	23.358	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.49	75	20704	28.145	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	157129	23.811	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	130573	24.087	ug/L	99
69) Naphthalene	15.38	128	294456	27.109	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	124085	24.424	ug/L	100

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

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