

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082218\
 Data File : VW004890.D
 Acq On : 22 Aug 2018 18:09
 Operator : SY/AP
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV86

Quant Time: Aug 23 06:54:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 06:52:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	745427	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	731567	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	380934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	285833	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.16%
7) Chloroethane-d5	2.89	69	214560	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.16%
10) 1,1-Dichloroethene-d2	4.03	63	388099	21.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.28%
20) 2-Butanone-d5	7.09	46	116170	40.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.02%
24) Chloroform-d	7.65	84	365729	22.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	8.31	65	195330	21.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.88%
29) Benzene-d6	8.28	84	900228	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.28	67	264748	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.80%
37) Toluene-d8	10.33	98	927129	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.04%
38) trans-1,3-Dichloropropene-	10.59	79	111627	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.88%
39) 2-Hexanone-d5	10.93	63	116180	42.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.82%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	242705	21.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	344294	22.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	321097	22.90	ug/L	100
3) Chloromethane	2.21	50	369917	23.28	ug/L	99
5) Vinyl chloride	2.36	62	372764	23.16	ug/L	98
6) Bromomethane	2.78	94	212586	25.21	ug/L	100
8) Chloroethane	2.92	64	212780	23.66	ug/L	100
9) Trichlorofluoromethane	3.26	101	383703	23.56	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	235991	24.22	ug/L	99
12) 1,1-Dichloroethene	4.04	96	206921	23.84	ug/L	95
13) Acetone	4.15	43	81504	36.70	ug/L	73
14) Carbon disulfide	4.39	76	842372	23.43	ug/L	100
15) Methyl Acetate	4.68	43	109926	21.89	ug/L	97
16) Methylene chloride	4.92	84	296514	20.51	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	482609	25.75	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	223249	24.70	ug/L	97
19) 1,1-Dichloroethane	6.23	63	399889	24.24	ug/L	96
21) 2-Butanone	7.18	43	138890	40.61	ug/L	100
22) cis-1,2-Dichloroethene	7.18	96	238081	24.41	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	121629	23.62	ug/L	96
25) Chloroform	7.68	83	398057	24.08	ug/L	99
27) 1,2-Dichloroethane	8.41	62	258498	23.85	ug/L	99
30) Cyclohexane	7.96	56	437328	28.08	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	370462	26.29	ug/L	99
32) Carbon tetrachloride	8.07	117	332112	26.35	ug/L	98
34) Benzene	8.33	78	1089473	26.12	ug/L	100
35) Trichloroethene	9.10	95	270300	26.06	ug/L	99
36) Methylcyclohexane	9.34	83	490109	25.55	ug/L	100
40) 1,2-Dichloropropane	9.37	63	271986	26.51	ug/L	99
41) Bromodichloromethane	9.65	83	299965	26.53	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	374843	26.32	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	348404	46.00	ug/L	99
44) Toluene	10.39	91	1282945	25.61	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	332118	25.71	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	200671	25.06	ug/L	97
47) Tetrachloroethene	10.87	164	248988	24.52	ug/L	97
49) 2-Hexanone	10.98	43	273131	46.66	ug/L	100
50) Dibromochloromethane	11.13	129	228009	25.64	ug/L	100
51) 1,2-Dibromoethane	11.24	107	193407	24.60	ug/L	94
52) Chlorobenzene	11.66	112	820245	24.65	ug/L	100
53) Ethylbenzene	11.74	91	1434562	25.45	ug/L	100
54) m,p-Xylene	11.85	106	563957	25.79	ug/L	98
55) o-xylene	12.17	106	533290	26.10	ug/L	96
56) Styrene	12.19	104	919591	26.20	ug/L	98
57) Isopropylbenzene	12.47	105	1417033	25.96	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	270332	23.68	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	206138	23.44	ug/L	98
62) Bromoform	12.35	173	145528	24.09	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	650816	24.80	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	672964	24.49	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	628050	24.98	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	46399	21.76	ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	517450	24.64	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	426535	25.16	ug/L	100
69) Naphthalene	15.38	128	877949	25.47	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	405836	25.41	ug/L	99

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

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