

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004405.D
 Acq On : 02 Aug 2018 17:16
 Operator : SY/AP
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV95

Quant Time: Aug 03 04:49:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 17:07:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1073222	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1045087	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	530900	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	277633	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.20%
7) Chloroethane-d5	2.89	69	241266	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.92%
10) 1,1-Dichloroethene-d2	4.01	63	580280	21.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.64%
20) 2-Butanone-d5	7.09	46	236037	40.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.20%
24) Chloroform-d	7.65	84	655445	22.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	8.31	65	369771	22.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.32%
29) Benzene-d6	8.27	84	1276128	22.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.80%
33) 1,2-Dichloropropane-d6	9.27	67	414719	22.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.28%
37) Toluene-d8	10.33	98	1142581	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.24%
38) trans-1,3-Dichloropropene-	10.58	79	167135	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.48%
39) 2-Hexanone-d5	10.93	63	189960	42.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	428855	21.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	453497	22.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.96%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	226697	20.316 ug/L	97
3) Chloromethane	2.22	50	323903	21.977 ug/L	97
5) Vinyl chloride	2.37	62	407908	21.209 ug/L	98
6) Bromomethane	2.78	94	232200	20.875 ug/L	99
8) Chloroethane	2.93	64	252734	21.904 ug/L	98
9) Trichlorofluoromethane	3.25	101	157043	17.902 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	343186	22.531 ug/L	95
12) 1,1-Dichloroethene	4.03	96	322314	21.659 ug/L	89
13) Acetone	4.14	43	174033	34.129 ug/L	99
14) Carbon disulfide	4.37	76	984387	21.566 ug/L	100
15) Methyl Acetate	4.67	43	212684	20.463 ug/L	99
16) Methylene chloride	4.91	84	404460	18.974 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	440448	21.866 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	336053	22.082 ug/L	98
19) 1,1-Dichloroethane	6.21	63	657775	22.778 ug/L	98
21) 2-Butanone	7.18	43	268300	38.439 ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	376437	22.663 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	177950	22.383	ug/L	99
25) Chloroform	7.67	83	665212	22.567	ug/L	100
27) 1,2-Dichloroethane	8.40	62	445328	22.488	ug/L	99
30) Cyclohexane	7.96	56	557638	22.562	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	479798	21.608	ug/L	99
32) Carbon tetrachloride	8.07	117	461369	21.560	ug/L	99
34) Benzene	8.32	78	1483896	23.029	ug/L	100
35) Trichloroethene	9.09	95	359696	22.193	ug/L	99
36) Methylcyclohexane	9.34	83	639624	22.481	ug/L	99
40) 1,2-Dichloropropane	9.37	63	395556	23.179	ug/L	99
41) Bromodichloromethane	9.65	83	461529	22.514	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	521613	22.344	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	546098	42.678	ug/L	99
44) Toluene	10.39	91	1514100	23.350	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	473245	22.552	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	297132	22.396	ug/L	98
47) Tetrachloroethene	10.87	164	279715	21.812	ug/L	99
49) 2-Hexanone	10.98	43	403657	41.979	ug/L	99
50) Dibromochloromethane	11.13	129	327426	22.248	ug/L	100
51) 1,2-Dibromoethane	11.24	107	278462	21.896	ug/L	100
52) Chlorobenzene	11.66	112	986014	22.485	ug/L	97
53) Ethylbenzene	11.74	91	1678485	23.036	ug/L	99
54) m,p-Xylene	11.85	106	639189	23.512	ug/L	97
55) o-xylene	12.17	106	608979	23.642	ug/L	99
56) Styrene	12.19	104	1100597	24.520	ug/L	99
57) Isopropylbenzene	12.47	105	1641282	23.540	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	416098	21.609	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	310745	21.607	ug/L	99
62) Bromoform	12.35	173	208636	21.623	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	737549	22.326	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	795461	22.405	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	746812	22.562	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	67559	19.870	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	569881	21.761	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	465956	21.993	ug/L	100
69) Naphthalene	15.38	128	1071684	22.181	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	474002	22.974	ug/L	100

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

