

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083118\
 Data File : VW005046.D
 Acq On : 31 Aug 2018 16:23
 Operator : SY/AP
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV92

Quant Time: Aug 31 16:41:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM083118S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 16:23:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	731870	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	729180	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	392614	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	254905	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.96%
7) Chloroethane-d5	2.89	69	192695	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.76%
10) 1,1-Dichloroethene-d2	4.02	63	372967	23.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.12%
20) 2-Butanone-d5	7.09	46	131019	42.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.40%
24) Chloroform-d	7.65	84	376009	23.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.52%
26) 1,2-Dichloroethane-d4	8.31	65	206843	23.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.64%
29) Benzene-d6	8.28	84	875700	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	9.28	67	256089	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.72%
37) Toluene-d8	10.33	98	926954	25.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.08%
38) trans-1,3-Dichloropropene-	10.58	79	112844	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.76%
39) 2-Hexanone-d5	10.93	63	122820	46.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.00%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	245304	23.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	361049	23.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.64%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	277166	25.94	ug/L	100
3) Chloromethane	2.21	50	301615	25.63	ug/L	100
5) Vinyl chloride	2.36	62	310061	26.12	ug/L	99
6) Bromomethane	2.78	94	183417	27.79	ug/L	99
8) Chloroethane	2.92	64	175918	23.46	ug/L	97
9) Trichlorofluoromethane	3.26	101	335919	26.25	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	229952	26.35	ug/L	98
12) 1,1-Dichloroethene	4.04	96	193587	26.10	ug/L	93
13) Acetone	4.13	43	84353	38.00	ug/L	99
14) Carbon disulfide	4.39	76	665813	25.39	ug/L	98
15) Methyl Acetate	4.68	43	120061	23.78	ug/L	98
16) Methylene chloride	4.92	84	267584	21.22	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	497977	26.95	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	218250	26.11	ug/L	96
19) 1,1-Dichloroethane	6.23	63	370048	26.23	ug/L	99
21) 2-Butanone	7.18	43	142229	44.24	ug/L	98
22) cis-1,2-Dichloroethene	7.18	96	238204	26.93	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	111485	26.04	ug/L	96
25) Chloroform	7.68	83	388279	26.20	ug/L	100
27) 1,2-Dichloroethane	8.40	62	253744	25.99	ug/L	98
30) Cyclohexane	7.96	56	377550	29.00	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	347944	27.01	ug/L	100
32) Carbon tetrachloride	8.07	117	317622	27.23	ug/L	99
34) Benzene	8.33	78	973259	26.80	ug/L	100
35) Trichloroethene	9.10	95	247225	26.69	ug/L	99
36) Methylcyclohexane	9.34	83	446279	28.56	ug/L	100
40) 1,2-Dichloropropane	9.37	63	240323	27.06	ug/L	99
41) Bromodichloromethane	9.65	83	288378	26.97	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	356953	27.41	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	342650	51.91	ug/L	100
44) Toluene	10.39	91	1181457	28.56	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	316451	27.53	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	191224	25.76	ug/L	97
47) Tetrachloroethene	10.87	164	240639	27.51	ug/L	99
49) 2-Hexanone	10.98	43	255969	53.56	ug/L	99
50) Dibromochloromethane	11.13	129	223415	27.04	ug/L	99
51) 1,2-Dibromoethane	11.24	107	185044	26.34	ug/L	98
52) Chlorobenzene	11.66	112	767127	27.06	ug/L	99
53) Ethylbenzene	11.74	91	1330998	28.57	ug/L	99
54) m,p-Xylene	11.85	106	530264	28.72	ug/L	98
55) o-xylene	12.17	106	497733	29.02	ug/L	99
56) Styrene	12.19	104	873068	29.52	ug/L	99
57) Isopropylbenzene	12.47	105	1343487	29.51	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	256330	26.00	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	197818	25.67	ug/L	100
62) Bromoform	12.35	173	147597	26.15	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	638327	27.74	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	661570	27.11	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	605214	26.97	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	44804	24.65	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	518120	27.73	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	422141	27.98	ug/L	99
69) Naphthalene	15.38	128	870333	28.63	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	402912	28.40	ug/L	99

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

