

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070818\
 Data File : VW003762.D
 Acq On : 07 Jul 2018 11:36
 Operator : SY/AP
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV92

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:57:22 PM

Quant Time: Jul 09 09:36:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070818S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 09 09:32:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	392656	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367791	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	184755	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	111538	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.52%
7) Chloroethane-d5	2.89	69	86657	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.64%
10) 1,1-Dichloroethene-d2	4.01	63	237322	23.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.88%
20) 2-Butanone-d5	7.09	46	75903	46.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.44%
24) Chloroform-d	7.65	84	242822	24.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	8.31	65	143244	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.60%
29) Benzene-d6	8.27	84	463485	24.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.64%
33) 1,2-Dichloropropane-d6	9.27	67	150946	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.40%
37) Toluene-d8	10.33	98	445018	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.84%
38) trans-1,3-Dichloropropene-	10.58	79	69563	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.00%
39) 2-Hexanone-d5	10.93	63	58620	49.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.34%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	137074	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
61) 1,2-Dichlorobenzene-d4	13.87	152	165553	24.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	38613m	22.99	ug/L	
3) Chloromethane	2.21	50	87916	23.34	ug/L	98
5) Vinyl chloride	2.36	62	124468	21.74	ug/L	99
6) Bromomethane	2.78	94	72001	23.05	ug/L	98
8) Chloroethane	2.92	64	75346	22.11	ug/L	100
9) Trichlorofluoromethane	3.26	101	68720	22.41	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	111992	22.92	ug/L	99
12) 1,1-Dichloroethene	4.03	96	107691	22.43	ug/L	95
13) Acetone	4.15	43	65951	39.77	ug/L	98
14) Carbon disulfide	4.37	76	358397	23.04	ug/L	100
15) Methyl Acetate	4.68	43	66217	21.67	ug/L	100
16) Methylene chloride	4.90	84	123491	22.01	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	223019	24.13	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	118914	23.17	ug/L	97
19) 1,1-Dichloroethane	6.21	63	223417	23.09	ug/L	99
21) 2-Butanone	7.18	43	88032	43.52	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	128377	23.49	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	59199	23.57	ug/L	97
25) Chloroform	7.68	83	231758	23.32	ug/L	98
27) 1,2-Dichloroethane	8.40	62	165820	23.15	ug/L	100
30) Cyclohexane	7.96	56	204967	24.19	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	185434	22.92	ug/L	100
32) Carbon tetrachloride	8.07	117	177709	23.21	ug/L	99
34) Benzene	8.32	78	510383	23.73	ug/L	100
35) Trichloroethene	9.09	95	132120	22.93	ug/L	99
36) Methylcyclohexane	9.34	83	228558	23.53	ug/L	100
40) 1,2-Dichloropropane	9.37	63	136449	23.84	ug/L	100
41) Bromodichloromethane	9.65	83	169332	23.40	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	204866	24.18	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	188684	47.40	ug/L	99
44) Toluene	10.39	91	554894	24.13	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	184266	23.93	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	97879	23.03	ug/L	97
47) Tetrachloroethene	10.87	164	108046	23.05	ug/L	98
49) 2-Hexanone	10.98	43	139408	46.25	ug/L	98
50) Dibromochloromethane	11.13	129	120822	23.86	ug/L	97
51) 1,2-Dibromoethane	11.24	107	97112	23.46	ug/L	98
52) Chlorobenzene	11.66	112	351815	23.45	ug/L	100
53) Ethylbenzene	11.74	91	625343	24.00	ug/L	100
54) m,p-Xylene	11.85	106	236767	24.71	ug/L	100
55) o-xylene	12.17	106	222385	24.64	ug/L	99
56) Styrene	12.19	104	389714	24.89	ug/L	99
57) Isopropylbenzene	12.47	105	611058	24.37	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	128173	22.97	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	95910	22.51	ug/L	100
62) Bromoform	12.35	173	72429	23.44	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	271507	23.74	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	284856	23.53	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	259994	23.57	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	21730	22.26	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	213571	23.90	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	174200	24.08	ug/L	99
69) Naphthalene	15.38	128	359504	24.66	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	161939	24.09	ug/L	99

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

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