

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072918\
 Data File : VW004305.D
 Acq On : 28 Jul 2018 07:00
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02595

Quant Time: Jul 30 03:58:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 28 02:53:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	209816	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	186790	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	98965	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	62697	29.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.72%
7) Chloroethane-d5	2.89	69	44787	29.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.60%
10) 1,1-Dichloroethene-d2	4.01	63	116389	23.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.32%
20) 2-Butanone-d5	7.08	46	52443	43.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.72%
24) Chloroform-d	7.65	84	124728	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	8.31	65	75111	23.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.00%
29) Benzene-d6	8.28	84	238450	24.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.36%
33) 1,2-Dichloropropane-d6	9.28	67	68682	20.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.44%
37) Toluene-d8	10.33	98	237381	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.48%
38) trans-1,3-Dichloropropene-	10.58	79	34400	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.08%
39) 2-Hexanone-d5	10.93	63	42391	48.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.98%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	75519	22.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	93317	25.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.88%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	30999	22.21	ug/L	89
3) Chloromethane	2.21	50	55798	28.32	ug/L	98
5) Vinyl chloride	2.36	62	84935	32.31	ug/L	91
6) Bromomethane	2.78	94	46726	31.72	ug/L	96
8) Chloroethane	2.92	64	44768	31.69	ug/L	95
9) Trichlorofluoromethane	3.25	101	47202	37.10	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	67681	27.00	ug/L #	77
12) 1,1-Dichloroethene	4.03	96	66315	27.33	ug/L	77
13) Acetone	4.12	43	41272	34.18	ug/L	97
14) Carbon disulfide	4.37	76	193740	24.80	ug/L	100
15) Methyl Acetate	4.67	43	41948	20.89	ug/L #	90
16) Methylene chloride	4.92	84	66434	22.58	ug/L	85
17) Methyl tert-butyl Ether	5.42	73	131394	27.28	ug/L	95
18) trans-1,2-Dichloroethene	5.42	96	65541	25.65	ug/L	96
19) 1,1-Dichloroethane	6.21	63	114048	22.91	ug/L	98
21) 2-Butanone	7.18	43	58014	38.12	ug/L	90
22) cis-1,2-Dichloroethene	7.17	96	72271	25.44	ug/L	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	35481	26.38	ug/L	83
25) Chloroform	7.68	83	128717	25.22	ug/L	100
27) 1,2-Dichloroethane	8.40	62	94513	25.17	ug/L	99
30) Cyclohexane	7.96	56	104782	25.35	ug/L	86
31) 1,1,1-Trichloroethane	7.87	97	113217	30.03	ug/L	95
32) Carbon tetrachloride	8.07	117	112856	30.78	ug/L	99
34) Benzene	8.32	78	270912	25.23	ug/L	100
35) Trichloroethene	9.09	95	75691	26.79	ug/L	96
36) Methylcyclohexane	9.34	83	134177	28.42	ug/L	94
40) 1,2-Dichloropropane	9.37	63	64484	22.12	ug/L #	97
41) Bromodichloromethane	9.65	83	93028	25.84	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	101633	23.96	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	117829	45.36	ug/L #	93
44) Toluene	10.39	91	304549	26.83	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	95435	24.54	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	57431	25.37	ug/L	96
47) Tetrachloroethene	10.87	164	69127	30.59	ug/L	98
49) 2-Hexanone	10.98	43	84014	41.28	ug/L #	90
50) Dibromochloromethane	11.13	129	71084	27.53	ug/L	93
51) 1,2-Dibromoethane	11.24	107	56901	25.78	ug/L	92
52) Chlorobenzene	11.66	112	184727	25.54	ug/L	98
53) Ethylbenzene	11.74	91	319797	26.11	ug/L	97
54) m,p-Xylene	11.84	106	122808	26.66	ug/L	89
55) o-xylene	12.17	106	116828	27.10	ug/L	95
56) Styrene	12.19	104	207307	27.74	ug/L	99
57) Isopropylbenzene	12.47	105	355265	30.33	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	76921	23.84	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	62302	25.11	ug/L	99
62) Bromoform	12.35	173	50849	28.62	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	154963	26.61	ug/L	96
64) 1,4-Dichlorobenzene	13.59	146	165872	26.98	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	148405	26.16	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	17053	26.77	ug/L	89
67) 1,3,5-Trichlorobenzene	14.64	180	124313	27.60	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	100817	27.44	ug/L	98
69) Naphthalene	15.38	128	249680	29.58	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	101252	28.49	ug/L	99

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

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