

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\
 Data File : VW003555.D
 Acq On : 25 Jun 2018 19:44
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02599

Quant Time: Jun 26 04:18:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 26 03:05:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	306738	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	152494	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	82510	19.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.32%
7) Chloroethane-d5	2.89	69	71311	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.20%
10) 1,1-Dichloroethene-d2	4.01	63	181435	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.84%
20) 2-Butanone-d5	7.09	46	74022	56.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.94%
24) Chloroform-d	7.65	84	193382	23.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	8.31	65	114732	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.72%
29) Benzene-d6	8.27	84	346122	22.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.20%
33) 1,2-Dichloropropane-d6	9.28	67	114112	23.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.88%
37) Toluene-d8	10.33	98	332220	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.52%
38) trans-1,3-Dichloropropene-	10.59	79	51263	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.88%
39) 2-Hexanone-d5	10.93	63	56785	56.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.08%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	120006	26.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.00%
61) 1,2-Dichlorobenzene-d4	13.87	152	132552	23.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.04%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	55803	33.12	ug/L	87
3) Chloromethane	2.21	50	89698	24.78	ug/L	99
5) Vinyl chloride	2.35	62	130648	24.94	ug/L	99
6) Bromomethane	2.78	94	71898	23.59	ug/L	98
8) Chloroethane	2.92	64	74826	23.44	ug/L	99
9) Trichlorofluoromethane	3.25	101	78819	26.23	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	102540	25.28	ug/L	98
12) 1,1-Dichloroethene	4.03	96	94987	24.77	ug/L	97
13) Acetone	4.15	43	68294	48.88	ug/L	100
14) Carbon disulfide	4.37	76	292103	23.61	ug/L	99
15) Methyl Acetate	4.68	43	59928	26.17	ug/L	99
16) Methylene chloride	4.91	84	106933	25.30	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	188687	26.67	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	100216	25.08	ug/L	96
19) 1,1-Dichloroethane	6.21	63	192447	25.81	ug/L	99
21) 2-Butanone	7.18	43	83841	51.06	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	110191	25.95	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	49185	25.04	ug/L	97
25) Chloroform	7.68	83	197801	25.81	ug/L	100
27) 1,2-Dichloroethane	8.40	62	146853	26.46	ug/L	100
30) Cyclohexane	7.96	56	174789	25.88	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	161261	25.09	ug/L	99
32) Carbon tetrachloride	8.07	117	158330	25.50	ug/L	99
34) Benzene	8.32	78	426375	25.56	ug/L	100
35) Trichloroethene	9.09	95	113131	25.16	ug/L	99
36) Methylcyclohexane	9.34	83	195622	25.48	ug/L	98
40) 1,2-Dichloropropane	9.37	63	114905	26.17	ug/L	99
41) Bromodichloromethane	9.65	83	143695	25.46	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	169262	25.83	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	170352	54.31	ug/L	99
44) Toluene	10.39	91	467910	25.86	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	154036	25.98	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	84472	25.77	ug/L	99
47) Tetrachloroethene	10.87	164	92976	24.61	ug/L	99
49) 2-Hexanone	10.98	43	132060	56.50	ug/L	99
50) Dibromochloromethane	11.13	129	102085	25.59	ug/L	97
51) 1,2-Dibromoethane	11.24	107	83534	25.65	ug/L	99
52) Chlorobenzene	11.66	112	299144	25.46	ug/L	99
53) Ethylbenzene	11.74	91	534302	26.33	ug/L	99
54) m,p-Xylene	11.85	106	201044	26.67	ug/L	98
55) o-xylene	12.17	106	190025	26.50	ug/L	98
56) Styrene	12.19	104	333578	26.95	ug/L	99
57) Isopropylbenzene	12.47	105	532935	26.79	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	115497	26.73	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	87811	26.52	ug/L	100
62) Bromoform	12.35	173	63031	24.56	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	236697	25.24	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	247052	25.13	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	228452	25.52	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	20081	25.56	ug/L #	86
67) 1,3,5-Trichlorobenzene	14.64	180	188500	25.87	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	155007	26.13	ug/L	99
69) Naphthalene	15.38	128	306075	27.58	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	146761	27.00	ug/L	99

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

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