

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002564.D
 Acq On : 15 May 2018 21:10
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 5/16/2018 12:26:09 PM

Quant Time: May 16 07:16:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	317709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	298866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120762	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
35) Dibromofluoromethane	7.88	113	107832	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	10.33	98	411010	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
62) 4-Bromofluorobenzene	12.63	95	151924	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	50560	60.67	ug/l	95
3) Chloromethane	2.20	50	77211	48.44	ug/l	94
4) Vinyl Chloride	2.35	62	127437	50.98	ug/l	95
5) Bromomethane	2.76	94	98535	48.08	ug/l	97
6) Chloroethane	2.92	64	83486	48.53	ug/l	94
7) Trichlorofluoromethane	3.24	101	44457	40.36	ug/l	93
8) Diethyl Ether	3.67	74	76149	57.78	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.04	101	95006	52.07	ug/l	100
10) Methyl Iodide	4.26	142	145451	50.02	ug/l	100
11) Tert butyl alcohol	5.19	59	42309	246.64	ug/l	97
12) 1,1-Dichloroethene	4.02	96	90856	50.30	ug/l	99
13) Acrolein	3.88	56	50935	301.40	ug/l	100
14) Allyl chloride	4.65	41	118668	44.28	ug/l	100
15) Acrylonitrile	5.37	53	130730	275.05	ug/l	99
16) Acetone	4.12	43	110877	235.35	ug/l	100
17) Carbon Disulfide	4.37	76	233267	46.93	ug/l	99
18) Methyl Acetate	4.67	43	78610	57.24	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	185994	56.04	ug/l	100
20) Methylene Chloride	4.91	84	97614	52.20	ug/l	96
21) trans-1,2-Dichloroethene	5.40	96	97926	50.15	ug/l	95
22) Diisopropyl ether	6.31	45	306700	51.66	ug/l	97
23) Vinyl Acetate	6.25	43	992998	275.96	ug/l	99
24) 1,1-Dichloroethane	6.20	63	185565	51.86	ug/l	99
25) 2-Butanone	7.18	43	189964	285.14	ug/l	99
26) 2,2-Dichloropropane	7.17	77	91538	45.65	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	114332	51.32	ug/l	98
28) Bromochloromethane	7.51	49	85807	53.72	ug/l	98
29) Tetrahydrofuran	7.53	42	119459	287.04	ug/l	99
30) Chloroform	7.67	83	198243	51.88	ug/l	98
31) Cyclohexane	7.95	56	149895	47.29	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	141334	49.04	ug/l	99
36) 1,1-Dichloropropene	8.08	75	145172	51.78	ug/l	99
37) Ethyl Acetate	7.26	43	79060	56.86	ug/l	99
38) Carbon Tetrachloride	8.06	117	141831	51.67	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	170558	53.11	ug/l	99
40) Benzene	8.32	78	421332	52.34	ug/l	98
41) Methacrylonitrile	7.49	41	50702	65.15	ug/l	90
42) 1,2-Dichloroethane	8.40	62	140299	54.88	ug/l	100
43) Isopropyl Acetate	8.43	43	152686	57.09	ug/l	99
44) Trichloroethene	9.09	130	114876	52.08	ug/l	98
45) 1,2-Dichloropropane	9.37	63	108001	52.65	ug/l	100
46) Dibromomethane	9.46	93	64356	55.14	ug/l	98
47) Bromodichloromethane	9.65	83	148949	54.72	ug/l	97
48) Methyl methacrylate	9.44	41	75249	58.07	ug/l	99
49) 1,4-Dioxane	9.45	88	22060	1134.05	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	435349	296.48	ug/l	100
52) Toluene	10.39	92	271476	53.34	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	151274	54.96	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	168578	54.94	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	89890	54.66	ug/l	98
56) Ethyl methacrylate	10.65	69	120097	59.93	ug/l	99
57) 1,3-Dichloropropane	10.94	76	154027	56.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	277574	282.14	ug/l	100
59) 2-Hexanone	10.98	43	305089	300.95	ug/l	100
60) Dibromochloromethane	11.13	129	110281	56.83	ug/l	99
61) 1,2-Dibromoethane	11.24	107	88760	55.93	ug/l	99
64) Tetrachloroethene	10.87	164	114366	54.29	ug/l	94
65) Chlorobenzene	11.66	112	314528	52.84	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	115855	54.37	ug/l	99
67) Ethyl Benzene	11.74	91	541108	53.49	ug/l	99
68) m/p-Xylenes	11.85	106	421796	107.24	ug/l	100
69) o-Xylene	12.18	106	200426	53.63	ug/l	100
70) Styrene	12.19	104	340456	54.74	ug/l	100
71) Bromoform	12.36	173	72202	57.67	ug/l #	99
73) Isopropylbenzene	12.48	105	552978	53.11	ug/l	99
74) N-amyl acetate	12.28	43	150861	56.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	116441	55.19	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	86121m	53.94	ug/l	
77) Bromobenzene	12.76	156	140557	52.91	ug/l	99
78) n-propylbenzene	12.82	91	664062	52.81	ug/l	100
79) 2-Chlorotoluene	12.90	91	372100	52.11	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	471220	53.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33227	56.74	ug/l	98
82) 4-Chlorotoluene	13.00	91	402319	52.10	ug/l	100
83) tert-Butylbenzene	13.22	119	411787	53.66	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	486476	52.74	ug/l	99
85) sec-Butylbenzene	13.40	105	582183	52.80	ug/l	100
86) p-Isopropyltoluene	13.51	119	529445	53.39	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	279836	52.08	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	276727	51.76	ug/l	99
89) n-Butylbenzene	13.83	91	500549	53.36	ug/l	99
90) Hexachloroethane	14.10	117	93810	52.82	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	257961	52.91	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	21147	56.81	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	188780	53.19	ug/l	99
94) Hexachlorobutadiene	15.26	225	104025	52.67	ug/l	99
95) Naphthalene	15.38	128	375472	58.18	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	171628	54.04	ug/l	100

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

