

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002531.D
 Acq On : 15 May 2018 00:11
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW051518

Manual Integrations
 APPROVED

apatel
 5/15/2018 6:12:10 PM

Quant Time: May 15 07:37:56 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	243524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	338771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186047	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135322	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	7.88	113	123386	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	10.33	98	478569	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.63	95	174569	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	45253	48.16	ug/l	97
3) Chloromethane	2.21	50	97683	54.34	ug/l	97
4) Vinyl Chloride	2.36	62	153445	54.44	ug/l	96
5) Bromomethane	2.77	94	111953	48.44	ug/l	93
6) Chloroethane	2.92	64	98124	50.58	ug/l	100
7) Trichlorofluoromethane	3.25	101	65906	53.06	ug/l	95
8) Diethyl Ether	3.67	74	70048	47.13	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	102645	49.88	ug/l	99
10) Methyl Iodide	4.26	142	163644	49.90	ug/l	100
11) Tert butyl alcohol	5.18	59	53353	275.81	ug/l	100
12) 1,1-Dichloroethene	4.03	96	100041	49.12	ug/l	99
13) Acrolein	3.89	56	48662	255.35	ug/l	94
14) Allyl chloride	4.65	41	154391	51.08	ug/l	98
15) Acrylonitrile	5.37	53	141183	263.41	ug/l	99
16) Acetone	4.12	43	133694	251.65	ug/l	97
17) Carbon Disulfide	4.37	76	271018	48.36	ug/l	96
18) Methyl Acetate	4.67	43	81396	52.56	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	197597	52.80	ug/l	99
20) Methylene Chloride	4.91	84	108866	51.59	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	108498	49.28	ug/l	98
22) Diisopropyl ether	6.31	45	348960	52.12	ug/l	99
23) Vinyl Acetate	6.25	43	1087905	268.10	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201714	49.99	ug/l	98
25) 2-Butanone	7.17	43	197995	263.55	ug/l	98
26) 2,2-Dichloropropane	7.16	77	108540	48.00	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	125716	50.04	ug/l	100
28) Bromochloromethane	7.51	49	87927	48.81	ug/l	100
29) Tetrahydrofuran	7.53	42	125276	266.94	ug/l	99
30) Chloroform	7.67	83	214623	49.81	ug/l	96
31) Cyclohexane	7.95	56	166016	46.44	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	163680	50.36	ug/l	99
36) 1,1-Dichloropropene	8.08	75	158436	48.39	ug/l	99
37) Ethyl Acetate	7.26	43	85948	52.93	ug/l	99
38) Carbon Tetrachloride	8.07	117	158146	49.33	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	183029	48.80	ug/l	99
40) Benzene	8.32	78	463741	49.33	ug/l	99
41) Methacrylonitrile	7.49	41	54157	59.59	ug/l	89
42) 1,2-Dichloroethane	8.40	62	148053	49.59	ug/l	99
43) Isopropyl Acetate	8.43	43	165932	53.13	ug/l	99
44) Trichloroethene	9.09	130	126501	49.10	ug/l	97
45) 1,2-Dichloropropane	9.37	63	119450	49.86	ug/l	97
46) Dibromomethane	9.46	93	67795	49.73	ug/l	99
47) Bromodichloromethane	9.65	83	161900	50.92	ug/l	98
48) Methyl methacrylate	9.44	41	84550	55.87	ug/l	93
49) 1,4-Dioxane	9.45	88	22200	977.22	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	458209	267.20	ug/l	100
52) Toluene	10.39	92	294514	49.55	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	164048	51.03	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	180988	50.51	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	95006	49.47	ug/l	97
56) Ethyl methacrylate	10.65	69	125459	53.61	ug/l	99
57) 1,3-Dichloropropane	10.94	76	161497	50.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	317916	276.70	ug/l	99
59) 2-Hexanone	10.98	43	318850	269.32	ug/l	100
60) Dibromochloromethane	11.13	129	116316	51.33	ug/l	100
61) 1,2-Dibromoethane	11.24	107	94290	50.87	ug/l	99
64) Tetrachloroethene	10.87	164	122579	51.33	ug/l	95
65) Chlorobenzene	11.66	112	339204	50.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	123410	51.09	ug/l	100
67) Ethyl Benzene	11.74	91	591331	51.57	ug/l	98
68) m/p-Xylenes	11.85	106	450558	101.06	ug/l	99
69) o-Xylene	12.18	106	216680	51.15	ug/l	100
70) Styrene	12.19	104	363062	51.49	ug/l	100
71) Bromoform	12.36	173	75374	53.11	ug/l #	100
73) Isopropylbenzene	12.48	105	591205	51.55	ug/l	99
74) N-amyl acetate	12.28	43	163495	55.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	121837	52.43	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	94616m	53.80	ug/l	
77) Bromobenzene	12.76	156	148462	50.74	ug/l	99
78) n-propylbenzene	12.82	91	721494	52.09	ug/l	99
79) 2-Chlorotoluene	12.90	91	408522	51.94	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	509446	52.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	34742	53.86	ug/l	99
82) 4-Chlorotoluene	13.00	91	439760	51.71	ug/l	98
83) tert-Butylbenzene	13.22	119	442070	52.30	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	526233	51.80	ug/l	99
85) sec-Butylbenzene	13.40	105	629378	51.83	ug/l	100
86) p-Isopropyltoluene	13.51	119	571471	52.32	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	298754	50.48	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	295010	50.10	ug/l	99
89) n-Butylbenzene	13.84	91	538353	52.11	ug/l	100
90) Hexachloroethane	14.11	117	102118	52.20	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	272530	50.75	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	21921	53.47	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	198670	50.82	ug/l	99
94) Hexachlorobutadiene	15.25	225	109783	50.47	ug/l	99
95) Naphthalene	15.38	128	390118	54.88	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	179270	51.25	ug/l	100

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

