

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002524.D
 Acq On : 14 May 2018 20:51
 Operator : JC/SY
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 5/15/2018 5:56:17 PM

Quant Time: May 15 03:10:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 02:22:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	347385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	324940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	11610	4.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.56%	
35) Dibromofluoromethane	7.88	113	10989	4.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.94%	
50) Toluene-d8	10.33	98	39470	4.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.34%	
62) 4-Bromofluorobenzene	12.63	95	14782	4.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	4846	5.60	ug/l	86
3) Chloromethane	2.21	50	10129	5.82	ug/l	95
4) Vinyl Chloride	2.35	62	14369	5.03	ug/l	99
5) Bromomethane	2.77	94	11517	4.98	ug/l	97
6) Chloroethane	2.92	64	9441	4.85	ug/l	92
7) Trichlorofluoromethane	3.25	101	6139	5.16	ug/l	89
8) Diethyl Ether	3.67	74	6649	4.96	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.05	101	10552	5.08	ug/l #	40
10) Methyl Iodide	4.26	142	16280	4.87	ug/l	100
11) Tert butyl alcohol	5.18	59	5384	29.63	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	10558	5.15	ug/l	91
13) Acrolein	3.88	56	4717	30.34	ug/l	94
14) Allyl chloride	4.65	41	13752	4.55	ug/l	92
15) Acrylonitrile	5.37	53	12767	24.36	ug/l	98
16) Acetone	4.11	43	14168	29.22	ug/l #	88
17) Carbon Disulfide	4.37	76	29157	4.94	ug/l	96
18) Methyl Acetate	4.67	43	8110	5.59	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	17349	4.77	ug/l #	91
20) Methylene Chloride	4.90	84	14188	6.23	ug/l	90
21) trans-1,2-Dichloroethene	5.41	96	11071	4.99	ug/l	98
22) Diisopropyl ether	6.31	45	30826	4.63	ug/l	92
23) Vinyl Acetate	6.25	43	85902	21.47	ug/l	100
24) 1,1-Dichloroethane	6.21	63	19999	4.97	ug/l	96
25) 2-Butanone	7.17	43	17536	24.50	ug/l	97
26) 2,2-Dichloropropane	7.16	77	12388	6.07	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	12361	4.93	ug/l	97
28) Bromochloromethane	7.51	49	8762	4.79	ug/l	98
29) Tetrahydrofuran	7.53	42	10865	23.26	ug/l	96
30) Chloroform	7.67	83	21823	5.17	ug/l	98
31) Cyclohexane	7.95	56	20981	5.86	ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	15863	4.98	ug/l	99
36) 1,1-Dichloropropene	8.08	75	16385	5.23	ug/l	99
37) Ethyl Acetate	7.26	43	7142	4.63	ug/l #	96
38) Carbon Tetrachloride	8.06	117	14728	4.84	ug/l	89

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 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	17980	4.93	ug/l	93
40) Benzene	8.32	78	45713	5.02	ug/l	97
41) Methacrylonitrile	7.49	41	4060	4.69	ug/l	97
42) 1,2-Dichloroethane	8.40	62	14486	5.07	ug/l	98
43) Isopropyl Acetate	8.43	43	14275	4.88	ug/l	96
44) Trichloroethene	9.09	130	12389	4.97	ug/l	98
45) 1,2-Dichloropropane	9.37	63	11366	4.95	ug/l	93
46) Dibromomethane	9.46	93	6544	5.09	ug/l	95
47) Bromodichloromethane	9.65	83	14635	4.83	ug/l	93
48) Methyl methacrylate	9.44	41	6238	4.40	ug/l	98
49) 1,4-Dioxane	9.46	88	2209	106.40	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	37125	22.93	ug/l	99
52) Toluene	10.39	92	27565	4.76	ug/l	95
53) t-1,3-Dichloropropene	10.61	75	14029	4.67	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	15811	4.63	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	9237	5.09	ug/l	91
56) Ethyl methacrylate	10.65	69	9384	4.18	ug/l	95
57) 1,3-Dichloropropane	10.94	76	14745	4.79	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.93	63	23455	21.49	ug/l	98
59) 2-Hexanone	10.98	43	24362	21.96	ug/l	97
60) Dibromochloromethane	11.13	129	10258	4.79	ug/l	99
61) 1,2-Dibromoethane	11.24	107	8843	5.00	ug/l	99
64) Tetrachloroethene	10.87	164	12152	4.93	ug/l	90
65) Chlorobenzene	11.66	112	33774	5.11	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	11147	4.72	ug/l	98
67) Ethyl Benzene	11.74	91	52526	4.62	ug/l	97
68) m/p-Xylenes	11.85	106	40675	9.27	ug/l	96
69) o-Xylene	12.18	106	18894	4.53	ug/l	99
70) Styrene	12.19	104	30541	4.41	ug/l	99
71) Bromoform	12.36	173	6330	4.64	ug/l #	99
73) Isopropylbenzene	12.48	105	50304	4.41	ug/l	97
74) N-amyl acetate	12.28	43	11790	4.10	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.73	83	11052	4.96	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	8304m	5.10	ug/l	
77) Bromobenzene	12.76	156	13976	4.86	ug/l	94
78) n-propylbenzene	12.82	91	61528	4.55	ug/l	100
79) 2-Chlorotoluene	12.90	91	35171	4.53	ug/l	96
80) 1,3,5-Trimethylbenzene	12.96	105	43219	4.50	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	2757	4.60	ug/l	97
82) 4-Chlorotoluene	13.00	91	38819	4.69	ug/l	99
83) tert-Butylbenzene	13.22	119	36999	4.49	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	43669	4.39	ug/l	96
85) sec-Butylbenzene	13.40	105	54965	4.65	ug/l	99
86) p-Isopropyltoluene	13.51	119	47383	4.48	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	28523	5.01	ug/l	97
88) 1,4-Dichlorobenzene	13.59	146	28625	5.03	ug/l	93
89) n-Butylbenzene	13.84	91	46566	4.70	ug/l	97
90) Hexachloroethane	14.10	117	9117	4.82	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	25808	4.98	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2100	5.45	ug/l	82

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QLast Update : Tue May 15 02:22:37 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	18819	5.06	ug/l	99
94) Hexachlorobutadiene	15.26	225	10906	5.27	ug/l	98
95) Naphthalene	15.38	128	30573	4.46	ug/l	99
96) 1,2,3-Trichlorobenzene	15.58	180	16776	5.03	ug/l	98

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

