

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002526.D
 Acq On : 14 May 2018 21:41
 Operator : JC/SY
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 5/15/2018 5:56:24 PM

Quant Time: May 15 03:16:20 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	230472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	325452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180433	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	46808	19.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.54%	
35) Dibromofluoromethane	7.88	113	43362	19.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.86%	
50) Toluene-d8	10.33	98	163837	19.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.40%	
62) 4-Bromofluorobenzene	12.63	95	58839	19.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.14%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	13733	15.87	ug/l	96
3) Chloromethane	2.21	50	32599	18.72	ug/l	99
4) Vinyl Chloride	2.36	62	49831	17.45	ug/l	96
5) Bromomethane	2.76	94	44116	19.06	ug/l	96
6) Chloroethane	2.92	64	36791	18.91	ug/l	99
7) Trichlorofluoromethane	3.24	101	22406	18.83	ug/l	97
8) Diethyl Ether	3.67	74	32780	24.45	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	38506	18.52	ug/l	95
10) Methyl Iodide	4.26	142	62022	18.54	ug/l	100
11) Tert butyl alcohol	5.19	59	16722	92.02	ug/l	97
12) 1,1-Dichloroethene	4.03	96	38194	18.63	ug/l	89
13) Acrolein	3.88	56	18727	120.47	ug/l	99
14) Allyl chloride	4.65	41	56775	18.77	ug/l	100
15) Acrylonitrile	5.36	53	50807	96.93	ug/l	99
16) Acetone	4.12	43	52690	108.66	ug/l	98
17) Carbon Disulfide	4.36	76	105052	17.78	ug/l	97
18) Methyl Acetate	4.67	43	25781	17.78	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	70360	19.34	ug/l	96
20) Methylene Chloride	4.91	84	44282	19.45	ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	41526	18.74	ug/l	100
22) Diisopropyl ether	6.31	45	126900	19.07	ug/l	99
23) Vinyl Acetate	6.25	43	386420	96.57	ug/l	100
24) 1,1-Dichloroethane	6.21	63	76270	18.96	ug/l	97
25) 2-Butanone	7.18	43	70656	98.72	ug/l	100
26) 2,2-Dichloropropane	7.16	77	41298	20.25	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	48001	19.14	ug/l	98
28) Bromochloromethane	7.51	49	34112	18.63	ug/l	98
29) Tetrahydrofuran	7.53	42	43562	93.28	ug/l	98
30) Chloroform	7.67	83	80922	19.16	ug/l	94
31) Cyclohexane	7.95	56	63905	17.84	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	60630	19.03	ug/l	100
36) 1,1-Dichloropropene	8.08	75	59148	18.71	ug/l	98
37) Ethyl Acetate	7.26	43	30661	19.72	ug/l	98
38) Carbon Tetrachloride	8.07	117	57407	18.71	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	65886	17.91	ug/l	95
40) Benzene	8.32	78	174044	18.92	ug/l	96
41) Methacrylonitrile	7.49	41	15842	18.14	ug/l	93
42) 1,2-Dichloroethane	8.40	62	55432	19.21	ug/l	100
43) Isopropyl Acetate	8.43	43	57167	19.38	ug/l	100
44) Trichloroethene	9.09	130	47821	19.02	ug/l	97
45) 1,2-Dichloropropane	9.37	63	45094	19.47	ug/l	94
46) Dibromomethane	9.46	93	25374	19.54	ug/l	96
47) Bromodichloromethane	9.65	83	58102	19.00	ug/l	99
48) Methyl methacrylate	9.44	41	27097	18.95	ug/l	99
49) 1,4-Dioxane	9.45	88	8076	385.47	ug/l	93
51) 4-Methyl-2-Pentanone	10.22	43	155348	95.07	ug/l	100
52) Toluene	10.40	92	110762	18.96	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	58991	19.46	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	65773	19.10	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36077	19.71	ug/l	98
56) Ethyl methacrylate	10.65	69	42485	18.75	ug/l	96
57) 1,3-Dichloropropane	10.94	76	60847	19.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	106564	96.75	ug/l	100
59) 2-Hexanone	10.98	43	108822	97.19	ug/l	98
60) Dibromochloromethane	11.13	129	42242	19.53	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34581	19.39	ug/l	100
64) Tetrachloroethene	10.87	164	45138	18.27	ug/l	97
65) Chlorobenzene	11.66	112	128417	19.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	45701	19.34	ug/l	99
67) Ethyl Benzene	11.74	91	213520	18.74	ug/l	99
68) m/p-Xylenes	11.85	106	168643	38.39	ug/l	99
69) o-Xylene	12.18	106	80249	19.20	ug/l	99
70) Styrene	12.19	104	131886	19.02	ug/l	99
71) Bromoform	12.36	173	26247	19.22	ug/l #	99
73) Isopropylbenzene	12.48	105	212645	18.21	ug/l	100
74) N-amyl acetate	12.28	43	54033	18.34	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	43890	19.23	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	33742m	20.24	ug/l	
77) Bromobenzene	12.76	156	55167	18.72	ug/l	98
78) n-propylbenzene	12.82	91	259389	18.74	ug/l	99
79) 2-Chlorotoluene	12.90	91	148286	18.64	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	183757	18.69	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11631	18.96	ug/l	98
82) 4-Chlorotoluene	13.00	91	162175	19.13	ug/l	99
83) tert-Butylbenzene	13.22	119	158416	18.75	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	192740	18.90	ug/l	100
85) sec-Butylbenzene	13.40	105	226185	18.69	ug/l	99
86) p-Isopropyltoluene	13.51	119	203969	18.81	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	112350	19.27	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	113115	19.42	ug/l	99
89) n-Butylbenzene	13.83	91	193269	19.06	ug/l	99
90) Hexachloroethane	14.11	117	35445	18.30	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	102793	19.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7898	20.00	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	74751	19.64	ug/l	98
94) Hexachlorobutadiene	15.25	225	41722	19.69	ug/l	98
95) Naphthalene	15.38	128	134836	19.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	68592	20.08	ug/l	98

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

