

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002569.D
 Acq On : 16 May 2018 00:57
 Operator : JC/SY
 Sample : VW0515SBSD03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

Manual Integrations
 APPROVED

apatel
 5/16/2018 12:27:10 PM

Quant Time: May 16 07:32:39 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	205769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	291234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	160986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117000	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
35) Dibromofluoromethane	7.88	113	105746	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
50) Toluene-d8	10.33	98	402944	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.63	95	144476	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15830	19.94	ug/l	96
3) Chloromethane	2.21	50	30926	20.36	ug/l	98
4) Vinyl Chloride	2.36	62	48249	20.26	ug/l	95
5) Bromomethane	2.76	94	41665	21.34	ug/l	95
6) Chloroethane	2.92	64	35185	21.47	ug/l	89
7) Trichlorofluoromethane	3.24	101	16914	16.12	ug/l	95
8) Diethyl Ether	3.67	74	30360	24.17	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	35006	20.13	ug/l	97
10) Methyl Iodide	4.26	142	56124	20.26	ug/l	98
11) Tert butyl alcohol	5.19	59	15952	97.59	ug/l	97
12) 1,1-Dichloroethene	4.02	96	35014	20.34	ug/l	98
13) Acrolein	3.89	56	13685	84.99	ug/l	99
14) Allyl chloride	4.65	41	46882	18.36	ug/l	97
15) Acrylonitrile	5.37	53	46526	102.73	ug/l	99
16) Acetone	4.12	43	44740	99.66	ug/l	99
17) Carbon Disulfide	4.37	76	94250	19.90	ug/l	99
18) Methyl Acetate	4.67	43	25875	19.77	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	65626	20.75	ug/l	99
20) Methylene Chloride	4.91	84	41604	21.74	ug/l	96
21) trans-1,2-Dichloroethene	5.40	96	37096	19.94	ug/l	93
22) Diisopropyl ether	6.31	45	114330	20.21	ug/l	97
23) Vinyl Acetate	6.25	43	340004	99.16	ug/l	98
24) 1,1-Dichloroethane	6.21	63	70216	20.59	ug/l	98
25) 2-Butanone	7.18	43	64172	101.09	ug/l	99
26) 2,2-Dichloropropane	7.16	77	32365	16.94	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	43229	20.37	ug/l	98
28) Bromochloromethane	7.51	49	33024	21.70	ug/l	99
29) Tetrahydrofuran	7.53	42	42705	107.69	ug/l	98
30) Chloroform	7.67	83	74749	20.53	ug/l	96
31) Cyclohexane	7.95	56	58402	19.33	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	56299	20.50	ug/l	97
36) 1,1-Dichloropropene	8.08	75	55456	20.12	ug/l	99
37) Ethyl Acetate	7.26	43	29183	21.35	ug/l	98
38) Carbon Tetrachloride	8.07	117	52368	19.40	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	61179	19.38	ug/l	99
40) Benzene	8.32	78	162717	20.56	ug/l	100
41) Methacrylonitrile	7.48	41	17011	22.23	ug/l	92
42) 1,2-Dichloroethane	8.40	62	52235	20.78	ug/l	99
43) Isopropyl Acetate	8.43	43	53522	20.35	ug/l	98
44) Trichloroethene	9.10	130	45010	20.75	ug/l	92
45) 1,2-Dichloropropane	9.37	63	41495	20.58	ug/l	98
46) Dibromomethane	9.46	93	23727	20.68	ug/l	97
47) Bromodichloromethane	9.65	83	55133	20.60	ug/l	95
48) Methyl methacrylate	9.44	41	25075	19.68	ug/l	98
49) 1,4-Dioxane	9.45	88	8809	460.59	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	149171	103.32	ug/l	99
52) Toluene	10.39	92	102678	20.52	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	52312	19.33	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	58893	19.52	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	33489	20.71	ug/l	96
56) Ethyl methacrylate	10.65	69	40357	20.48	ug/l	98
57) 1,3-Dichloropropane	10.94	76	55542	20.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	103319	106.82	ug/l	100
59) 2-Hexanone	10.98	43	102394	102.73	ug/l	98
60) Dibromochloromethane	11.13	129	39172	20.53	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32748	20.99	ug/l	100
64) Tetrachloroethene	10.87	164	50399	24.55	ug/l	93
65) Chlorobenzene	11.66	112	120355	20.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	42941	20.68	ug/l	97
67) Ethyl Benzene	11.74	91	197652	20.05	ug/l	99
68) m/p-Xylenes	11.85	106	154302	40.26	ug/l	99
69) o-Xylene	12.18	106	73136	20.08	ug/l	98
70) Styrene	12.19	104	124406	20.53	ug/l	97
71) Bromoform	12.36	173	24877	20.39	ug/l #	98
73) Isopropylbenzene	12.48	105	195888	19.74	ug/l	100
74) N-amyl acetate	12.28	43	51695	20.45	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	41125	20.45	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31047m	20.40	ug/l	
77) Bromobenzene	12.76	156	52136	20.59	ug/l	99
78) n-propylbenzene	12.82	91	238030	19.86	ug/l	99
79) 2-Chlorotoluene	12.90	91	137985	20.27	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	169443	20.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10100	18.10	ug/l	97
82) 4-Chlorotoluene	13.00	91	146908	19.96	ug/l	100
83) tert-Butylbenzene	13.22	119	144601	19.77	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	175690	19.98	ug/l	97
85) sec-Butylbenzene	13.40	105	208087	19.80	ug/l	100
86) p-Isopropyltoluene	13.51	119	188237	19.92	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	103001	20.11	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	102838	20.18	ug/l	98
89) n-Butylbenzene	13.83	91	174761	19.55	ug/l	99
90) Hexachloroethane	14.10	117	33440	19.76	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	95053	20.46	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7123	20.08	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	69553	20.56	ug/l	99
94) Hexachlorobutadiene	15.25	225	38023	20.20	ug/l	99
95) Naphthalene	15.38	128	128180	20.84	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	62786	20.74	ug/l	99

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

