Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110082.D
Acq On : 23 Oct 2018 17:25
Operator : JU/SJ
Sample : J5164-01
Misc : LOD 1PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Manual Integrations APPROVED
Sohil
10/24/2018 5:11:56 PM

Quant Time: Oct 24 04:25:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	183771	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	775759	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	379769	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	746064	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	647942	20.00	ng		-0.02
87) Perylene-d12	15.67	264	585136	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1414832	125.37	ng		-0.02
7) Phenol-d6	6.59	99	1816483	125.84	ng		-0.02
23) Nitrobenzene-d5	7.53	82	1078877	82.49	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	472046	125.48	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1945758	80.45	ng		-0.01
79) Terphenyl-d14	13.09	244	2048647	65.76	ng		-0.01
Target Compounds							Qvalue
6) Aniline	6.63	93	13480	0.717	ng	#	53
8) 2-Chlorophenol	6.75	128	13740	1.056	ng	#	70
9) Benzaldehyde	6.52	77	8604	0.055	ng		88
10) Phenol	6.60	94	15756	1.021	ng	#	70
11) bis(2-Chloroethyl)ether	6.69	93	13867	1.092	ng		99
12) 1,3-Dichlorobenzene	6.90	146	15444m	1.079	ng		
13) 1,4-Dichlorobenzene	6.98	146	15360	1.061	ng		99
14) 1,2-Dichlorobenzene	7.13	146	14606	1.087	ng		97
15) Benzyl Alcohol	7.12	79	27211	2.451	ng	#	50
16) 2,2'-oxybis(1-Chloropropan	7.23	45	20455	1.008	ng		70
18) Hexachloroethane	7.47	117	5429	1.024	ng		89
24) Nitrobenzene	7.55	77	16942	1.255	ng		91
31) Naphthalene	8.27	128	42173	1.180	ng		98
34) Hexachlorobutadiene	8.38	225	6563	0.980	ng		93
37) 2-Methylnaphthalene	8.96	142	28690	1.213	ng		92
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	11950	1.010	ng		97
46) 1,1'-Biphenyl	9.42	154	38839	1.131	ng		99
47) 2-Chloronaphthalene	9.45	162	26416	1.049	ng		98
48) 2-Nitroaniline	9.55	65	7076	0.927	ng		94
49) Acenaphthylene	9.87	152	40524	1.114	ng		98
50) Dimethylphthalate	9.71	163	29561	1.054	ng	#	99
51) 2,6-Dinitrotoluene	9.78	165	5314	0.880	ng		88
52) Acenaphthene	10.04	154	24902	1.035	ng		92
55) Dibenzofuran	10.21	168	37201	1.104	ng		96
58) Fluorene	10.56	166	29906	1.192	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	6041	0.919	ng	#	98
60) Diethylphthalate	10.42	149	28908	1.056	ng		99
63) Azobenzene	10.70	77	28552	1.051	ng		97
66) n-Nitrosodiphenylamine	10.66	169	24788	1.013	ng		93
67) 4-Bromophenyl-phenylether	11.04	248	7939	0.981	ng		88
68) Hexachlorobenzene	11.10	284	8858	1.032	ng		98
69) Atrazine	11.18	200	7932	1.026	ng		98
71) Phenanthrene	11.52	178	46504	1.191	ng		97
72) Anthracene	11.57	178	45989	1.175	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Carbazole	11.73	167	39963	1.046	ng		97
74) Di-n-butylphthalate	12.05	149	44661	1.035	ng		98
75) Fluoranthene	12.72	202	46504	1.174	ng		98
78) Pyrene	12.94	202	46571	1.003	ng		98
80) Butylbenzylphthalate	13.55	149	17728	0.879	ng		97
81) Benzo(a)anthracene	14.13	228	43252	1.126	ng		100
83) Chrysene	14.17	228	41193	1.129	ng		98
84) Bis(2-ethylhexyl)phthalate	14.10	149	26151	0.959	ng		95
85) Di-n-octyl phthalate	14.73	149	40177	0.948	ng	#	94
86) Indeno(1,2,3-cd)pyrene	17.22	276	31965	1.056	ng	#	94
88) Benzo(b)fluoranthene	15.21	252	37771	1.118	ng		98
89) Benzo(k)fluoranthene	15.24	252	33173	0.999	ng	#	95
90) Benzo(a)pyrene	15.60	252	33261	1.070	ng		99
91) Dibenzo(a,h)anthracene	17.24	278	26600	0.992	ng		95
92) Benzo(g,h,i)perylene	17.69	276	25497	0.964	ng	#	89

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

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