Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102126.D
Acq On : 16 Jan 2018 22:49
Operator : SJ/JU
Sample : J1014-01MSD 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-011518MSD

Manual Integrations APPROVED
Sohil
1/17/2018 10:42:00 AM

Quant Time: Jan 17 03:33:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137559	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	527145	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	222126	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	311449	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	235843	20.00	ng		-0.01
86) Perylene-d12	15.28	264	255986	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	57269	5.88	ng		-0.01
7) Phenol-d6	6.35	99	65824	5.66	ng		-0.02
23) Nitrobenzene-d5	7.27	82	39035	4.35	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	11940	6.16	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	78977	5.55	ng		-0.02
78) Terphenyl-d14	12.82	244	46988	4.14	ng		-0.01
Target Compounds							Qvalue
8) 2-Chlorophenol	6.50	128	20633	2.112	ng		97
10) Phenol	6.36	94	26406	2.010	ng		96
13) 1,4-Dichlorobenzene	6.73	146	24164	2.150	ng		98
14) 1,2-Dichlorobenzene	6.89	146	21428	2.060	ng		98
15) Benzyl Alcohol	6.86	79	18551	2.182	ng		98
18) Hexachloroethane	7.23	117	8255	2.086	ng		90
19) n-Nitroso-di-n-propylamine	7.12	70	17368	2.280	ng		96
22) Acetophenone	7.12	105	55203	4.346	ng	#	94
24) Nitrobenzene	7.30	77	21570	2.238	ng	#	98
25) Isophorone	7.53	82	44251	2.497	ng	#	86
26) 2-Nitrophenol	7.62	139	9974	2.472	ng	#	83
27) 2,4-Dimethylphenol	7.66	122	17564	2.331	ng		93
28) bis(2-Chloroethoxy)methane	7.75	93	26020	2.431	ng		92
29) 2,4-Dichlorophenol	7.86	162	15247	2.131	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	16683	2.229	ng		98
31) Naphthalene	8.02	128	69798	2.650	ng		97
34) Hexachlorobutadiene	8.14	225	9088	2.294	ng		92
36) 4-Chloro-3-methylphenol	8.55	107	17680	2.258	ng		98
37) 2-Methylnaphthalene	8.72	142	56941	3.284	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	15920	2.533	ng		96
42) 2,4,6-Trichlorophenol	8.99	196	10146	2.343	ng		97
43) 2,4,5-Trichlorophenol	9.03	196	10072	2.058	ng	#	79
45) 1,1'-Biphenyl	9.17	154	50682	2.581	ng		97
46) 2-Chloronaphthalene	9.20	162	34626	2.274	ng		96
47) 2-Nitroaniline	9.30	65	9196	2.016	ng		95
48) Acenaphthylene	9.62	152	59666	2.469	ng		99
49) Dimethylphthalate	9.47	163	48293	2.710	ng	#	96
50) 2,6-Dinitrotoluene	9.54	165	8756	2.460	ng		92
51) Acenaphthene	9.79	154	35229	2.402	ng		94
54) Dibenzofuran	9.96	168	49445	2.457	ng		98
55) 4-Nitrophenol	9.87	139	11683	3.490	ng		83
56) 2,4-Dinitrotoluene	9.94	165	9036	2.025	ng	#	95
57) Fluorene	10.30	166	45084	3.240	ng		99
59) Diethylphthalate	10.17	149	39034	2.202	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) 4-Chlorophenyl-phenylether	10.29	204	16107	2.719	ng		93
65) n-Nitrosodiphenylamine	10.41	169	33401	2.864	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	8345	2.537	ng		97
67) Hexachlorobenzene	10.84	284	8488	2.364	ng		95
68) Atrazine	10.93	200	9879	2.931	ng		95
69) Pentachlorophenol	11.04	266	5788	2.644	ng		98
70) Phenanthrene	11.26	178	96914	5.327	ng		97
71) Anthracene	11.31	178	55453	3.005	ng		99
72) Carbazole	11.46	167	40289	2.222	ng		97
73) Di-n-butylphthalate	11.80	149	52756	2.371	ng		99
74) Fluoranthene	12.44	202	97962	5.473	ng		96
77) Pyrene	12.67	202	102595	4.921	ng		97
80) Benzo(a)anthracene	13.86	228	66292	4.406	ng		97
82) Chrysene	13.89	228	66243	4.222	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	23002	2.096	ng		96
84) Di-n-octyl phthalate	14.46	149	42085	2.311	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	45437	3.979	ng		94
87) Benzo(b)fluoranthene	14.87	252	78324m	4.693	ng		
88) Benzo(k)fluoranthene	14.90	252	45330	2.815	ng		99
89) Benzo(a)pyrene	15.22	252	62006	4.128	ng		96
90) Dibenzo(a,h)anthracene	16.66	278	30722	2.563	ng	#	91
91) Benzo(g,h,i)perylene	17.06	276	40167	3.327	ng	#	90

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

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