Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111516.D
Acq On : 16 Dec 2018 18:51
Operator : JU/SJ
Sample : J6353-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Manual Integrations APPROVED
Sohil
12/17/2018 11:19:53 AM

Quant Time: Dec 17 07:33:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	217520	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	860487	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	354960	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	500945	20.00	ng		0.00
76) Chrysene-d12	13.96	240	305753	20.00	ng		0.00
87) Perylene-d12	15.40	264	202970	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1464902	112.07	ng		0.01
7) Phenol-d6	6.45	99	1750972	100.70	ng		0.00
23) Nitrobenzene-d5	7.36	82	1397528	96.71	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	329669	103.68	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2145502	93.36	ng		0.00
79) Terphenyl-d14	12.90	244	1487797	114.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	168944	26.760	ng		97
3) Pyridine	3.27	79	414382	26.134	ng		94
4) n-Nitrosodimethylamine	3.20	42	244228	33.910	ng		83
6) Aniline	6.46	93	217212	10.071	ng	#	1
8) 2-Chlorophenol	6.59	128	574304	36.771	ng		96
9) Benzaldehyde	6.33	77	223433	21.186	ng		98
10) Phenol	6.46	94	831063	42.906	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	502406	33.088	ng		98
12) 1,3-Dichlorobenzene	6.73	146	705421	41.030	ng		98
13) 1,4-Dichlorobenzene	6.81	146	705300	40.416	ng		99
14) 1,2-Dichlorobenzene	6.96	146	667245	40.643	ng		99
15) Benzyl Alcohol	6.94	79	554314	41.898	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1177316	39.712	ng		74
17) 2-Methylphenol	7.06	107	543293	43.222	ng	#	91
18) Hexachloroethane	7.30	117	245295	37.770	ng		98
19) n-Nitroso-di-n-propylamine	7.21	70	465349	40.566	ng		99
20) 3+4-Methylphenols	7.22	107	709425	44.994	ng	#	63
22) Acetophenone	7.20	105	969006	50.446	ng	#	86
24) Nitrobenzene	7.37	77	670297	45.472	ng		95
25) Isophorone	7.62	82	1265951	51.777	ng		99
26) 2-Nitrophenol	7.69	139	286816	37.519	ng		91
27) 2,4-Dimethylphenol	7.74	122	604561	54.551	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	845379	50.085	ng		97
29) 2,4-Dichlorophenol	7.94	162	535332	45.250	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	540019	43.604	ng		99
31) Naphthalene	8.10	128	1953342	48.534	ng		97
32) Benzoic acid	7.87	122	23081m	2.410	ng		
33) 4-Chloroaniline	8.15	127	157557	8.804	ng	#	92
34) Hexachlorobutadiene	8.22	225	284529	41.700	ng		98
35) Caprolactam	8.52	113	179190	40.795	ng		91
36) 4-Chloro-3-methylphenol	8.64	107	540577	41.512	ng		98
37) 2-Methylnaphthalene	8.79	142	1261057	46.304	ng		99
38) 1-Methylnaphthalene	8.89	142	1157766	44.004	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	468459	48.124	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	54611	10.927	ng		97
43) 2,4,6-Trichlorophenol	9.07	196	293364	42.580	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	302552	41.268	ng		92
46) 1,1'-Biphenyl	9.25	154	1367828	45.478	ng		96
47) 2-Chloronaphthalene	9.27	162	1067220	46.682	ng		96
48) 2-Nitroaniline	9.37	65	346708	46.708	ng		94
49) Acenaphthylene	9.69	152	1601900	47.206	ng		95
50) Dimethylphthalate	9.55	163	1427692	55.849	ng		99
51) 2,6-Dinitrotoluene	9.61	165	259402	45.081	ng		90
52) Acenaphthene	9.86	154	901889	42.049	ng		98
53) 3-Nitroaniline	9.78	138	185077	26.481	ng		91
54) 2,4-Dinitrophenol	9.89	184	2049	0.936	ng	#	1
55) Dibenzofuran	10.03	168	1360331	43.694	ng		96
56) 4-Nitrophenol	9.96	139	325939	67.387	ng		87
57) 2,4-Dinitrotoluene	10.02	165	314517	41.645	ng	#	95
58) Fluorene	10.37	166	981901	43.482	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	201065	35.101	ng		96
60) Diethylphthalate	10.25	149	1138423	43.964	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	450357	40.763	ng		99
62) 4-Nitroaniline	10.39	138	257295	37.188	ng		95
63) Azobenzene	10.53	77	1038104	40.665	ng		96
65) 4,6-Dinitro-2-methylphenol	10.42	198	8046	2.845	ng	#	70
66) n-Nitrosodiphenylamine	10.49	169	890246	51.534	ng		96
67) 4-Bromophenyl-phenylether	10.86	248	262997	48.711	ng		98
68) Hexachlorobenzene	10.93	284	254660	45.853	ng	#	91
69) Atrazine	11.02	200	254019	50.881	ng		99
70) Pentachlorophenol	11.12	266	214793	63.055	ng		95
71) Phenanthrene	11.34	178	1265859	49.040	ng		94
72) Anthracene	11.39	178	1301386	49.298	ng		95
73) Carbazole	11.55	167	1190962	43.628	ng		96
74) Di-n-butylphthalate	11.87	149	1518762	49.956	ng		96
75) Fluoranthene	12.53	202	1217529	48.214	ng		98
77) Benzidine	12.65	184	195138	17.362	ng		97
78) Pyrene	12.76	202	1240494	57.546	ng		96
80) Butylbenzylphthalate	13.37	149	627273	59.699	ng		95
81) Benzo(a)anthracene	13.95	228	794564	47.793	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	168293	24.901	ng	#	96
83) Chrysene	13.98	228	829453	47.361	ng		96
84) Bis(2-ethylhexyl)phthalate	13.94	149	985052	73.399	ng		99
85) Di-n-octyl phthalate	14.55	149	1196896	52.873	ng	#	85
86) Indeno(1,2,3-cd)pyrene	16.82	276	510124	40.358	ng	#	92
88) Benzo(b)fluoranthene	14.99	252	610646	51.603	ng	#	95
89) Benzo(k)fluoranthene	15.01	252	556618	49.228	ng	#	94
90) Benzo(a)pyrene	15.34	252	525837	49.277	ng	#	97
91) Dibenzo(a,h)anthracene	16.84	278	427020	50.729	ng		97
92) Benzo(g,h,i)perylene	17.25	276	607968	73.581	ng		96

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

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