Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111561.D
Acq On : 18 Dec 2018 1:31
Operator : JU/SJ
Sample : J6403-41MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-AMSD

Manual Integrations APPROVED
Sohil
12/18/2018 12:49:50 PM

Quant Time: Dec 18 07:12:02 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	216354	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	874681	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	398407	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	603433	20.00	ng		0.00
76) Chrysene-d12	13.95	240	396275	20.00	ng		0.00
87) Perylene-d12	15.39	264	368272	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1178940	90.68	ng		0.01
7) Phenol-d6	6.45	99	1968983	113.85	ng		0.00
23) Nitrobenzene-d5	7.36	82	1226961	83.53	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	362742	101.64	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1969047	76.34	ng		0.00
79) Terphenyl-d14	12.89	244	1361898	80.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	119189	18.981	ng		96
3) Pyridine	3.30	79	344698	21.856	ng		92
4) n-Nitrosodimethylamine	3.22	42	203371	28.389	ng		87
6) Aniline	6.46	93	217237	10.126	ng	#	1
8) 2-Chlorophenol	6.59	128	540456	34.790	ng		94
9) Benzaldehyde	6.33	77	164131	15.647	ng		98
10) Phenol	6.46	94	729871	37.885	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	517045	34.236	ng		98
12) 1,3-Dichlorobenzene	6.73	146	553013	32.339	ng		98
13) 1,4-Dichlorobenzene	6.81	146	557907	32.142	ng		98
14) 1,2-Dichlorobenzene	6.96	146	527675	32.315	ng		97
15) Benzyl Alcohol	6.93	79	442946	33.661	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	924638	31.357	ng		83
17) 2-Methylphenol	7.06	107	436292	34.897	ng	#	94
18) Hexachloroethane	7.30	117	195085	30.201	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	367748	32.231	ng		96
20) 3+4-Methylphenols	7.21	107	563761	35.948	ng	#	66
22) Acetophenone	7.20	105	740415	37.920	ng	#	86
24) Nitrobenzene	7.37	77	538658	35.949	ng		92
25) Isophorone	7.61	82	1010238	40.648	ng		98
26) 2-Nitrophenol	7.69	139	269424	34.672	ng		98
27) 2,4-Dimethylphenol	7.73	122	485275	43.077	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	657437	38.318	ng		98
29) 2,4-Dichlorophenol	7.94	162	439398	36.538	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	430734	34.215	ng		98
31) Naphthalene	8.09	128	1544550	37.754	ng		97
32) Benzoic acid	7.80	122	21428m	2.201	ng		
33) 4-Chloroaniline	8.14	127	110085	6.051	ng		95
34) Hexachlorobutadiene	8.22	225	227421	32.790	ng		98
35) Caprolactam	8.51	113	149620m	33.510	ng		
36) 4-Chloro-3-methylphenol	8.64	107	461057	34.831	ng		100
37) 2-Methylnaphthalene	8.79	142	1025924	37.059	ng		98
38) 1-Methylnaphthalene	8.89	142	958178	35.827	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	382482	35.007	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	116168	20.709	ng		100
43) 2,4,6-Trichlorophenol	9.07	196	280244	36.240	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	291904	35.474	ng		97
46) 1,1'-Biphenyl	9.25	154	1145692	33.939	ng		94
47) 2-Chloronaphthalene	9.27	162	893446	34.819	ng		97
48) 2-Nitroaniline	9.37	65	294252	35.318	ng		94
49) Acenaphthylene	9.69	152	1424541	37.401	ng		95
50) Dimethylphthalate	9.55	163	1311399	45.705	ng		98
51) 2,6-Dinitrotoluene	9.61	165	227086	35.161	ng		93
52) Acenaphthene	9.86	154	811289	33.700	ng		98
53) 3-Nitroaniline	9.78	138	164384	20.955	ng		92
54) 2,4-Dinitrophenol	9.89	184	11413	4.645	ng		89
55) Dibenzofuran	10.03	168	1221121	34.946	ng		96
56) 4-Nitrophenol	9.96	139	298874	55.053	ng		91
57) 2,4-Dinitrotoluene	10.02	165	281852	33.250	ng		97
58) Fluorene	10.37	166	920641	36.324	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	216949	33.744	ng		97
60) Diethylphthalate	10.25	149	1000164	34.413	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	408406	32.935	ng		96
62) 4-Nitroaniline	10.39	138	217079	27.954	ng		93
63) Azobenzene	10.53	77	950288	33.166	ng		95
65) 4,6-Dinitro-2-methylphenol	10.42	198	23766	6.976	ng		92
66) n-Nitrosodiphenylamine	10.49	169	823243	39.562	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	249696	38.392	ng		98
68) Hexachlorobenzene	10.93	284	242222	36.206	ng		99
69) Atrazine	11.02	200	239482	39.822	ng		98
70) Pentachlorophenol	11.12	266	224987	54.830	ng		95
71) Phenanthrene	11.33	178	1312229	42.202	ng		94
72) Anthracene	11.39	178	1242768	39.082	ng		95
73) Carbazole	11.54	167	1089077	33.120	ng		95
74) Di-n-butylphthalate	11.87	149	1442799	39.397	ng	#	96
75) Fluoranthene	12.52	202	1222381	40.185	ng		98
77) Benzidine	12.64	184	396328	27.207	ng		98
78) Pyrene	12.75	202	1212549	43.400	ng		96
80) Butylbenzylphthalate	13.37	149	484793	35.599	ng		93
81) Benzo(a)anthracene	13.94	228	916250	42.523	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	251699	28.735	ng		98
83) Chrysene	13.97	228	905403	39.888	ng		96
84) Bis(2-ethylhexyl)phthalate	13.93	149	639583	36.771	ng		99
85) Di-n-octyl phthalate	14.54	149	1135359	38.698	ng		96
86) Indeno(1,2,3-cd)pyrene	16.81	276	636541	38.856	ng		97
88) Benzo(b)fluoranthene	14.97	252	868248	40.439	ng		100
89) Benzo(k)fluoranthene	15.00	252	842628	41.072	ng		100
90) Benzo(a)pyrene	15.33	252	811370	41.906	ng		98
91) Dibenzo(a,h)anthracene	16.82	278	516861	33.841	ng		96
92) Benzo(g,h,i)perylene	17.23	276	519760	34.670	ng		95

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

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