Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111255.D
Acq On : 10 Dec 2018 21:14
Operator : JU/SJ
Sample : J6282-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Manual Integrations APPROVED
Sohil
12/11/2018 2:23:38 PM

Quant Time: Dec 11 05:53:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	499076	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1829403	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	701867	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	928213	20.00	ng		0.00
76) Chrysene-d12	13.99	240	354572	20.00	ng		0.04
87) Perylene-d12	15.44	264	446041	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3951070	125.01	ng		0.02
7) Phenol-d6	6.45	99	5168211	131.58	ng		0.01
23) Nitrobenzene-d5	7.37	82	3213006	98.51	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	608436	97.86	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	4188906	115.92	ng		0.00
79) Terphenyl-d14	12.93	244	2023049	136.86	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	516636	31.859	ng		98
3) Pyridine	3.32	79	616695	14.315	ng		99
4) n-Nitrosodimethylamine	3.23	42	807036	43.936	ng		95
6) Aniline	6.46	93	68602	1.310	ng	#	1
8) 2-Chlorophenol	6.59	128	1489982	41.474	ng		98
9) Benzaldehyde	6.35	77	379834	13.585	ng		96
10) Phenol	6.46	94	2119364	46.146	ng		97
11) bis(2-Chloroethyl)ether	6.54	93	2038548	57.392	ng		98
12) 1,3-Dichlorobenzene	6.75	146	1537196	39.822	ng		98
13) 1,4-Dichlorobenzene	6.82	146	1544203	39.619	ng		99
14) 1,2-Dichlorobenzene	6.98	146	1434366	39.456	ng		98
15) Benzyl Alcohol	6.95	79	1272813	40.949	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2711109	40.768	ng		99
17) 2-Methylphenol	7.06	107	1259750	42.950	ng		98
18) Hexachloroethane	7.32	117	573295	38.633	ng		93
19) n-Nitroso-di-n-propylamine	7.23	70	1079968	41.045	ng		99
20) 3+4-Methylphenols	7.22	107	1453061	41.651	ng		96
22) Acetophenone	7.22	105	1927370	46.045	ng		97
24) Nitrobenzene	7.39	77	1542396	45.436	ng		98
25) Isophorone	7.63	82	2644158	47.598	ng		99
26) 2-Nitrophenol	7.70	139	733906	43.514	ng		96
27) 2,4-Dimethylphenol	7.75	122	1261367	48.398	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	1684308	43.783	ng		99
29) 2,4-Dichlorophenol	7.95	162	1181728	44.344	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	1079483	41.123	ng		99
31) Naphthalene	8.11	128	3650389	45.720	ng		98
32) Benzoic acid	7.85	122	529456	24.566	ng		95
33) 4-Chloroaniline	8.16	127	274110	7.148	ng		96
34) Hexachlorobutadiene	8.23	225	609493	42.063	ng		99
35) Caprolactam	8.52	113	418832m	44.352	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1291163	47.321	ng		98
37) 2-Methylnaphthalene	8.80	142	2320307	43.772	ng		99
38) 1-Methylnaphthalene	8.90	142	2291009	44.133	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	927332	47.483	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	318366	28.625	ng		96
43) 2,4,6-Trichlorophenol	9.08	196	668355	45.592	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	678701	44.443	ng		97
46) 1,1'-Biphenyl	9.26	154	2436043	43.650	ng		97
47) 2-Chloronaphthalene	9.29	162	1827078	39.784	ng		98
48) 2-Nitroaniline	9.38	65	806186	51.461	ng		94
49) Acenaphthylene	9.70	152	3090206	46.351	ng		99
50) Dimethylphthalate	9.57	163	2786873	53.814	ng		99
51) 2,6-Dinitrotoluene	9.62	165	587917	51.406	ng		89
52) Acenaphthene	9.87	154	1999346	47.787	ng		100
53) 3-Nitroaniline	9.79	138	251636	17.826	ng		94
54) 2,4-Dinitrophenol	9.89	184	436029	96.478	ng		95
55) Dibenzofuran	10.05	168	2558865	44.956	ng		97
56) 4-Nitrophenol	9.95	139	1006987	91.591	ng		98
57) 2,4-Dinitrotoluene	10.03	165	697307	49.458	ng		94
58) Fluorene	10.39	166	1730820	39.296	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	530610	45.839	ng		99
60) Diethylphthalate	10.27	149	2028210	41.079	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	783200	35.812	ng		95
62) 4-Nitroaniline	10.40	138	449000	33.615	ng		97
63) Azobenzene	10.55	77	1829618	35.693	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	247081	45.027	ng		89
66) n-Nitrosodiphenylamine	10.50	169	1568095	49.628	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	391919	38.550	ng		99
68) Hexachlorobenzene	10.94	284	392367	37.939	ng	#	88
69) Atrazine	11.03	200	363641	37.846	ng		97
70) Pentachlorophenol	11.13	266	479121	63.861	ng		97
71) Phenanthrene	11.35	178	2355479	50.311	ng		97
72) Anthracene	11.40	178	2467025	50.367	ng		98
73) Carbazole	11.55	167	2412116	47.096	ng		98
74) Di-n-butylphthalate	11.89	149	2583649	49.078	ng		99
75) Fluoranthene	12.54	202	1838085	42.978	ng		99
77) Benzidine	12.66	184	14941	1.419	ng	#	1
78) Pyrene	12.77	202	1805635	71.262	ng		97
80) Butylbenzylphthalate	13.40	149	657719	49.697	ng		94
81) Benzo(a)anthracene	13.99	228	963839	48.725	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	126634	15.619	ng	#	77
83) Chrysene	14.02	228	970464	47.588	ng		98
84) Bis(2-ethylhexyl)phthalate	13.98	149	1492089	94.880	ng	#	99
85) Di-n-octyl phthalate	14.59	149	1158096	43.936	ng	#	27
86) Indeno(1,2,3-cd)pyrene	16.88	276	1195126	72.600	ng		98
88) Benzo(b)fluoranthene	15.03	252	1051396	42.624	ng	#	73
89) Benzo(k)fluoranthene	15.06	252	1046734	45.134	ng	#	78
90) Benzo(a)pyrene	15.39	252	1109966	48.864	ng	#	78
91) Dibenzo(a,h)anthracene	16.89	278	998088	55.942	ng	#	91
92) Benzo(g,h,i)perylene	17.31	276	831287	46.544	ng		96

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

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