Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
Data File : BF111236.D
Acq On : 10 Dec 2018 12:23
Operator : JU/SJ
Sample : J6179-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S1-0-0.5-BGSMS

Manual Integrations APPROVED
Sohil
12/11/2018 8:42:25 AM

Quant Time: Dec 10 15:44:18 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	611723	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2405412	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	1121391	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1884985	20.00	ng		0.00
76) Chrysene-d12	13.96	240	1037927	20.00	ng		0.00
87) Perylene-d12	15.39	264	814292	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	4212235	108.73	ng		0.02
7) Phenol-d6	6.44	99	5473852	113.70	ng		0.00
23) Nitrobenzene-d5	7.36	82	3604493	84.05	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	1124037	113.16	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	5247173	79.86	ng		0.00
79) Terphenyl-d14	12.91	244	4338467	100.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	673289	33.873	ng		98
3) Pyridine	3.35	79	1595161	30.208	ng		98
4) n-Nitrosodimethylamine	3.28	42	971931	43.169	ng		98
6) Aniline	6.47	93	1614942	25.159	ng		98
8) 2-Chlorophenol	6.59	128	1755228	39.860	ng		98
9) Benzaldehyde	6.35	77	926237	31.021	ng		98
10) Phenol	6.45	94	2320903	41.229	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	1739702	39.959	ng		97
12) 1,3-Dichlorobenzene	6.75	146	1801830	38.082	ng		99
13) 1,4-Dichlorobenzene	6.82	146	1838103	38.475	ng		99
14) 1,2-Dichlorobenzene	6.97	146	1695785	38.057	ng		99
15) Benzyl Alcohol	6.95	79	1544279	40.534	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3299016	40.473	ng		99
17) 2-Methylphenol	7.06	107	1518414	42.236	ng		99
18) Hexachloroethane	7.32	117	711286	39.105	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	1257645	38.996	ng		98
20) 3+4-Methylphenols	7.21	107	1701530	39.791	ng		96
22) Acetophenone	7.21	105	2307480	41.925	ng	#	99
24) Nitrobenzene	7.38	77	1896680	42.493	ng		98
25) Isophorone	7.63	82	3475621	47.583	ng		98
26) 2-Nitrophenol	7.70	139	954922	43.060	ng		99
27) 2,4-Dimethylphenol	7.74	122	1578099	46.051	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	2219733	43.884	ng		99
29) 2,4-Dichlorophenol	7.94	162	1482437	42.307	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	1435768	41.598	ng		98
31) Naphthalene	8.11	128	4665144	44.438	ng		99
32) Benzoic acid	7.85	122	918369	32.408	ng		99
33) 4-Chloroaniline	8.15	127	896447	17.779	ng		97
34) Hexachlorobutadiene	8.23	225	763286	40.062	ng		98
35) Caprolactam	8.52	113	526112m	42.372	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1575130	43.905	ng		97
37) 2-Methylnaphthalene	8.80	142	3231049	46.357	ng		97
38) 1-Methylnaphthalene	8.90	142	3085940	45.211	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1160782	37.201	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1276985	71.861 ng	98
43) 2,4,6-Trichlorophenol	9.07	196	961495	41.051 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	1008705	41.342 ng	98
46) 1,1'-Biphenyl	9.26	154	3545017	38.574 ng	99
47) 2-Chloronaphthalene	9.29	162	2907894	39.631 ng	98
48) 2-Nitroaniline	9.38	65	1048101	41.874 ng	91
49) Acenaphthylene	9.70	152	4330413	40.653 ng	98
50) Dimethylphthalate	9.57	163	3550973	42.916 ng	99
51) 2,6-Dinitrotoluene	9.62	165	804517	44.028 ng	89
52) Acenaphthene	9.87	154	2996205	44.822 ng	99
53) 3-Nitroaniline	9.79	138	606090	26.872 ng	96
54) 2,4-Dinitrophenol	9.89	184	652727	90.395 ng	94
55) Dibenzofuran	10.05	168	3823338	42.042 ng	97
56) 4-Nitrophenol	9.96	139	1400712	79.740 ng	94
57) 2,4-Dinitrotoluene	10.03	165	1058884	47.006 ng	98
58) Fluorene	10.39	166	2825861	40.155 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	827727	44.756 ng	99
60) Diethylphthalate	10.27	149	3220281	40.823 ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1300611	37.223 ng	98
62) 4-Nitroaniline	10.40	138	864189	40.495 ng	99
63) Azobenzene	10.54	77	3332143	40.686 ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	445638	40.101 ng	91
66) n-Nitrosodiphenylamine	10.50	169	2695854	42.014 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	840963	40.733 ng	95
68) Hexachlorobenzene	10.94	284	862487	41.066 ng	97
69) Atrazine	11.03	200	850854	43.606 ng	97
70) Pentachlorophenol	11.13	266	992261	65.127 ng	95
71) Phenanthrene	11.35	178	3909871	41.123 ng	100
72) Anthracene	11.40	178	4032909	40.544 ng	98
73) Carbazole	11.55	167	3840481	36.924 ng	98
74) Di-n-butylphthalate	11.89	149	4418703	41.332 ng	100
75) Fluoranthene	12.53	202	3836157	44.169 ng	95
77) Benzidine	12.65	184	233018	7.561 ng	95
78) Pyrene	12.76	202	3846808	51.864 ng	99
80) Butylbenzylphthalate	13.39	149	1825554	47.122 ng	94
81) Benzo(a)anthracene	13.94	228	2603248	44.957 ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	595664	25.098 ng	99
83) Chrysene	13.99	228	2667043	44.677 ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	2009771	43.658 ng	99
85) Di-n-octyl phthalate	14.56	149	3220662	41.741 ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2179400	45.227 ng	98
88) Benzo(b)fluoranthene	14.98	252	2109434	46.843 ng	99
89) Benzo(k)fluoranthene	15.01	252	2086025	49.270 ng	99
90) Benzo(a)pyrene	15.33	252	2043962	49.289 ng	99
91) Dibenzo(a,h)anthracene	16.83	278	1866892	57.317 ng	97
92) Benzo(g,h,i)perylene	17.24	276	2161260	66.285 ng	96

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

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