Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111128.D
Acq On : 6 Dec 2018 00:55
Operator : JU/SJ
Sample : J6160-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PITMSD

Manual Integrations APPROVED
mohammad
12/6/2018 12:12:01 PM

Quant Time: Dec 06 03:54:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	435420	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1692255	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	733117	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1103080	20.00	ng		0.00
76) Chrysene-d12	13.96	240	700522	20.00	ng		0.01
87) Perylene-d12	15.39	264	539704	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3330466	119.36	ng		0.01
7) Phenol-d6	6.44	99	4309255	119.89	ng		0.00
23) Nitrobenzene-d5	7.37	82	2708755	94.77	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	725744	124.54	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3930898	102.15	ng		0.00
79) Terphenyl-d14	12.91	244	2922837	85.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	453964	28.284	ng		99
3) Pyridine	3.30	79	1314965	36.941	ng		99
4) n-Nitrosodimethylamine	3.22	42	778508	44.419	ng		97
6) Aniline	6.47	93	840017	17.492	ng		98
8) 2-Chlorophenol	6.59	128	1305516	40.592	ng		94
9) Benzaldehyde	6.35	77	670599	33.072	ng		99
10) Phenol	6.45	94	1819104	46.415	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	1269589	39.635	ng		98
12) 1,3-Dichlorobenzene	6.75	146	1341927	39.232	ng		96
13) 1,4-Dichlorobenzene	6.83	146	1344610	39.063	ng		97
14) 1,2-Dichlorobenzene	6.98	146	1276126	39.854	ng		99
15) Benzyl Alcohol	6.95	79	1171045	41.118	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2457416	39.438	ng		99
17) 2-Methylphenol	7.06	107	1103791	41.809	ng		98
18) Hexachloroethane	7.32	117	463515	35.896	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	948413	39.263	ng		99
20) 3+4-Methylphenols	7.21	107	1314194	40.813	ng		95
22) Acetophenone	7.22	105	1749914	42.790	ng	#	91
24) Nitrobenzene	7.39	77	1368986	44.518	ng		98
25) Isophorone	7.63	82	2451744	46.738	ng		100
26) 2-Nitrophenol	7.70	139	608500	46.832	ng		94
27) 2,4-Dimethylphenol	7.75	122	1122392	45.867	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	1600176	45.060	ng		98
29) 2,4-Dichlorophenol	7.95	162	1067069	44.294	ng		100
30) 1,2,4-Trichlorobenzene	8.03	180	1026357	42.210	ng		99
31) Naphthalene	8.11	128	3466353	47.047	ng		98
32) Benzoic acid	7.83	122	285919	17.719	ng		94
33) 4-Chloroaniline	8.15	127	316653	8.891	ng		95
34) Hexachlorobutadiene	8.24	225	539780	40.848	ng		98
35) Caprolactam	8.52	113	362908m	41.029	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1143936	43.352	ng		100
37) 2-Methylnaphthalene	8.80	142	2339422	46.031	ng		100
38) 1-Methylnaphthalene	8.90	142	2223594	45.508	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	852885	43.650	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	343882	33.378 ng		100
43) 2,4,6-Trichlorophenol	9.08	196	656574	46.009 ng		97
44) 2,4,5-Trichlorophenol	9.12	196	679112	46.945 ng		96
46) 1,1'-Biphenyl	9.27	154	2588883	43.137 ng		99
47) 2-Chloronaphthalene	9.29	162	2042524	43.798 ng		98
48) 2-Nitroaniline	9.38	65	719048	47.577 ng		99
49) Acenaphthylene	9.70	152	3128097	47.987 ng		99
50) Dimethylphthalate	9.57	163	2770506	54.300 ng		100
51) 2,6-Dinitrotoluene	9.62	165	529109	48.913 ng		87
52) Acenaphthene	9.88	154	1858916	43.165 ng		99
53) 3-Nitroaniline	9.79	138	345123	25.399 ng		95
54) 2,4-Dinitrophenol	9.89	184	67979	24.800 ng	#	1
55) Dibenzofuran	10.05	168	2701831	45.550 ng		95
56) 4-Nitrophenol	9.95	139	861927	84.178 ng		99
57) 2,4-Dinitrotoluene	10.03	165	652269	46.688 ng		94
58) Fluorene	10.39	166	1964686	46.970 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	515294	47.726 ng		95
60) Diethylphthalate	10.27	149	2330500	45.706 ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	914992	44.388 ng		97
62) 4-Nitroaniline	10.40	138	452591	36.905 ng		96
63) Azobenzene	10.55	77	2255436	41.548 ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	72657	15.943 ng		97
66) n-Nitrosodiphenylamine	10.50	169	1832500	47.444 ng		99
67) 4-Bromophenyl-phenylether	10.87	248	533488	45.688 ng		93
68) Hexachlorobenzene	10.94	284	521408	43.670 ng	#	91
69) Atrazine	11.03	200	554475	Below Cal		97
70) Pentachlorophenol	11.13	266	587669	74.846 ng		99
71) Phenanthrene	11.35	178	2572796	48.489 ng		98
72) Anthracene	11.40	178	2634391	49.255 ng		97
73) Carbazole	11.55	167	2518364	45.252 ng		98
74) Di-n-butylphthalate	11.89	149	3168893	48.643 ng		100
75) Fluoranthene	12.53	202	2449967	47.187 ng		99
77) Benzidine	12.65	184	1209089	Below Cal		98
78) Pyrene	12.76	202	2493137	45.682 ng		98
80) Butylbenzylphthalate	13.39	149	1290515	48.949 ng		97
81) Benzo(a)anthracene	13.95	228	1876101	45.710 ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	667930	43.122 ng		98
83) Chrysene	13.99	228	1807989	44.373 ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1676971	52.660 ng		100
85) Di-n-octyl phthalate	14.56	149	2777726	55.485 ng		98
86) Indeno(1,2,3-cd)pyrene	16.80	276	1358146	41.515 ng	#	87
88) Benzo(b)fluoranthene	14.98	252	1438326	47.032 ng		99
89) Benzo(k)fluoranthene	15.01	252	1462287	49.461 ng		98
90) Benzo(a)pyrene	15.33	252	1336335	47.639 ng		98
91) Dibenzo(a,h)anthracene	16.82	278	1135942	48.256 ng		99
92) Benzo(g,h,i)perylene	17.23	276	1123230	47.483 ng		99

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

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