Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111199.D
Acq On : 7 Dec 2018 20:54
Operator : JU/SJ
Sample : J6214-18MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)MS

Manual Integrations APPROVED
Sohil
12/11/2018 8:44:48 AM

Quant Time: Dec 08 02:01:17 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	6.80	152	402380	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1724642	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	828069	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1194402	20.00	ng	0.00
76) Chrysene-d12	13.96	240	638867	20.00	ng	0.01
87) Perylene-d12	15.39	264	763233	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2646497	102.63	ng	0.01
7) Phenol-d6	6.44	99	4147375	124.86	ng	0.00
23) Nitrobenzene-d5	7.37	82	2213527	75.99	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	729152	110.78	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3767985	84.07	ng	0.00
79) Terphenyl-d14	12.91	244	3224150	103.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	544511	36.712	ng	94
3) Pyridine	3.30	79	1484904	45.140	ng	89
4) n-Nitrosodimethylamine	3.23	42	761024	46.987	ng	85
6) Aniline	6.47	93	676999	15.255	ng	98
8) 2-Chlorophenol	6.59	128	1225827	41.244	ng	95
9) Benzaldehyde	6.35	77	615568	32.781	ng	99
10) Phenol	6.46	94	1745397	48.191	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	1207132	40.779	ng	95
12) 1,3-Dichlorobenzene	6.75	146	1201811	38.021	ng	96
13) 1,4-Dichlorobenzene	6.83	146	1168352	36.729	ng	95
14) 1,2-Dichlorobenzene	6.98	146	1015785	34.328	ng	99
15) Benzyl Alcohol	6.95	79	941144	35.759	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1939267	33.678	ng	99
17) 2-Methylphenol	7.06	107	853777	34.994	ng	98
18) Hexachloroethane	7.32	117	402003	33.688	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	734265	32.893	ng	97
20) 3+4-Methylphenols	7.21	107	1037378	34.862	ng	97
22) Acetophenone	7.22	105	1373751	32.961	ng	95
24) Nitrobenzene	7.39	77	1080315	34.471	ng	99
25) Isophorone	7.63	82	1961379	36.688	ng	99
26) 2-Nitrophenol	7.70	139	536796	40.537	ng	91
27) 2,4-Dimethylphenol	7.74	122	929148	37.257	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	1276789	35.278	ng	99
29) 2,4-Dichlorophenol	7.95	162	988214	40.250	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	982193	39.635	ng	98
31) Naphthalene	8.11	128	3328872	44.332	ng	98
32) Benzoic acid	7.81	122	154985m	9.424	ng	
33) 4-Chloroaniline	8.15	127	175691	4.840	ng	98
34) Hexachlorobutadiene	8.23	225	516914	38.383	ng	99
35) Caprolactam	8.52	113	352132m	39.063	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1149041	42.727	ng	98
37) 2-Methylnaphthalene	8.80	142	2319495	44.782	ng	98
38) 1-Methylnaphthalene	8.90	142	2163451	43.445	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	876585	39.719	ng	99

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QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	943063	81.039 ng		98
43) 2,4,6-Trichlorophenol	9.08	196	675037	41.879 ng		100
44) 2,4,5-Trichlorophenol	9.12	196	722188	44.198 ng		98
46) 1,1'-Biphenyl	9.27	154	2719891	40.124 ng		98
47) 2-Chloronaphthalene	9.29	162	2074499	39.383 ng		95
48) 2-Nitroaniline	9.38	65	727309	42.606 ng		91
49) Acenaphthylene	9.70	152	3232997	43.909 ng		99
50) Dimethylphthalate	9.57	163	2823554	48.994 ng		100
51) 2,6-Dinitrotoluene	9.62	165	567300	46.430 ng		94
52) Acenaphthene	9.88	154	2086200	42.888 ng		99
53) 3-Nitroaniline	9.79	138	246119	16.036 ng	#	94
54) 2,4-Dinitrophenol	9.89	184	336462	86.338 ng	#	70
55) Dibenzofuran	10.05	168	2789720	41.638 ng		95
56) 4-Nitrophenol	9.95	139	937963	81.100 ng		89
57) 2,4-Dinitrotoluene	10.03	165	753293	47.736 ng		96
58) Fluorene	10.39	166	1800352	38.106 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	556703	45.649 ng		95
60) Diethylphthalate	10.27	149	2264042	39.311 ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	814745	34.992 ng		93
62) 4-Nitroaniline	10.40	138	455339	32.872 ng		95
63) Azobenzene	10.55	77	2059434	33.587 ng		95
65) 4,6-Dinitro-2-methylphenol	10.43	198	236216	47.870 ng		86
66) n-Nitrosodiphenylamine	10.50	169	1678322	40.130 ng		98
67) 4-Bromophenyl-phenylether	10.87	248	518422	41.003 ng	#	90
68) Hexachlorobenzene	10.94	284	529255	40.938 ng		94
69) Atrazine	11.03	200	526566	Below Cal		98
70) Pentachlorophenol	11.13	266	616194	72.478 ng		98
71) Phenanthrene	11.35	178	2620095	45.604 ng		99
72) Anthracene	11.40	178	2633173	45.468 ng		97
73) Carbazole	11.55	167	2406074	39.928 ng		96
74) Di-n-butylphthalate	11.89	149	3020946	42.827 ng		99
75) Fluoranthene	12.53	202	2828454	50.311 ng		99
77) Benzidine	12.65	184	538355	23.231 ng	#	93
78) Pyrene	12.76	202	2978331	59.839 ng		98
80) Butylbenzylphthalate	13.39	149	1317328	54.788 ng		99
81) Benzo(a)anthracene	13.95	228	1584959	42.343 ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	163576	11.580 ng		98
83) Chrysene	13.99	228	1590000	42.789 ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1345782	46.338 ng		98
85) Di-n-octyl phthalate	14.56	149	2171316	47.558 ng		95
86) Indeno(1,2,3-cd)pyrene	16.81	276	2603883	87.275 ng	#	83
88) Benzo(b)fluoranthene	14.99	252	1830674	42.330 ng		99
89) Benzo(k)fluoranthene	15.02	252	1608068	38.462 ng		98
90) Benzo(a)pyrene	15.34	252	1740297	43.870 ng		98
91) Dibenzo(a,h)anthracene	16.83	278	2118781	63.647 ng		97
92) Benzo(g,h,i)perylene	17.24	276	2067497	61.803 ng		97

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

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