Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111429.D
Acq On : 14 Dec 2018 20:02
Operator : JU/SJ
Sample : J6340-10MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 14 22:29:09 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

Instrument : BNA_F
ClientSampleId : SB-06AMS

Manual Integrations APPROVED
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12/17/2018 2:36:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	185321	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	757884	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	333711	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	511828	20.00	ng		0.00
76) Chrysene-d12	13.95	240	350881	20.00	ng		0.00
87) Perylene-d12	15.39	264	290239	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1281540	115.07	ng		0.01
7) Phenol-d6	6.45	99	1653453	111.62	ng		0.00
23) Nitrobenzene-d5	7.36	82	1020422	80.18	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	298883	99.98	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1713570	79.32	ng		0.00
79) Terphenyl-d14	12.90	244	1148338	76.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	169581	31.528	ng		96
3) Pyridine	3.29	79	335180	24.812	ng		93
4) n-Nitrosodimethylamine	3.22	42	266659	43.457	ng		85
6) Aniline	6.46	93	262959	14.310	ng	#	1
8) 2-Chlorophenol	6.59	128	510083	38.333	ng		96
9) Benzaldehyde	6.34	77	202094	22.492	ng		93
10) Phenol	6.46	94	679698	41.189	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	467373	36.129	ng		96
12) 1,3-Dichlorobenzene	6.73	146	531913	36.314	ng		98
13) 1,4-Dichlorobenzene	6.81	146	532226	35.798	ng		97
14) 1,2-Dichlorobenzene	6.97	146	506812	36.234	ng		97
15) Benzyl Alcohol	6.94	79	430346	38.179	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	931498	36.879	ng		100
17) 2-Methylphenol	7.06	107	403378	37.667	ng		96
18) Hexachloroethane	7.31	117	187241	33.840	ng		92
19) n-Nitroso-di-n-propylamine	7.21	70	345721	35.374	ng		91
20) 3+4-Methylphenols	7.21	107	510055	37.969	ng	#	77
22) Acetophenone	7.20	105	698390	41.280	ng		92
24) Nitrobenzene	7.37	77	517254	39.841	ng		100
25) Isophorone	7.62	82	933289	43.339	ng		97
26) 2-Nitrophenol	7.69	139	259527	38.545	ng		97
27) 2,4-Dimethylphenol	7.74	122	421295	43.161	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	603816	40.616	ng		98
29) 2,4-Dichlorophenol	7.94	162	412122	39.551	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	413426	37.901	ng		99
31) Naphthalene	8.10	128	1444372	40.746	ng		97
32) Benzoic acid	7.85	122	203142	24.083	ng		96
33) 4-Chloroaniline	8.15	127	88847	5.637	ng		95
34) Hexachlorobutadiene	8.22	225	224079	37.287	ng		96
35) Caprolactam	8.52	113	131404m	33.966	ng		
36) 4-Chloro-3-methylphenol	8.64	107	432400	37.700	ng		99
37) 2-Methylnaphthalene	8.79	142	960047	40.024	ng		99
38) 1-Methylnaphthalene	8.89	142	908114	39.188	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	361484	39.499	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	165321	35.185 ng	99
43) 2,4,6-Trichlorophenol	9.07	196	262108	40.466 ng	98
44) 2,4,5-Trichlorophenol	9.12	196	268800	38.999 ng	97
46) 1,1'-Biphenyl	9.26	154	1090188	38.555 ng	94
47) 2-Chloronaphthalene	9.28	162	852999	39.687 ng	95
48) 2-Nitroaniline	9.37	65	270023	38.693 ng	92
49) Acenaphthylene	9.69	152	1341832	42.060 ng	96
50) Dimethylphthalate	9.56	163	1205058	50.141 ng	98
51) 2,6-Dinitrotoluene	9.62	165	204838	37.865 ng	93
52) Acenaphthene	9.87	154	795297	39.441 ng	98
53) 3-Nitroaniline	9.78	138	130615	19.878 ng	92
54) 2,4-Dinitrophenol	9.89	184	55771	27.098 ng	93
55) Dibenzofuran	10.04	168	1160972	39.665 ng	95
56) 4-Nitrophenol	9.96	139	301571	66.319 ng	99
57) 2,4-Dinitrotoluene	10.02	165	259811	36.592 ng	93
58) Fluorene	10.38	166	873250	41.133 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	201261	37.373 ng	100
60) Diethylphthalate	10.26	149	958892	39.389 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	393315	37.867 ng	95
62) 4-Nitroaniline	10.39	138	191211	29.396 ng	98
63) Azobenzene	10.53	77	913207	38.050 ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	49531	17.142 ng	82
66) n-Nitrosodiphenylamine	10.49	169	781277	44.264 ng	98
67) 4-Bromophenyl-phenylether	10.86	248	228936	41.500 ng	96
68) Hexachlorobenzene	10.93	284	218294	38.469 ng	98
69) Atrazine	11.02	200	233194	45.716 ng	96
70) Pentachlorophenol	11.12	266	205686	59.097 ng	97
71) Phenanthrene	11.34	178	1074553	40.744 ng	95
72) Anthracene	11.39	178	1100985	40.820 ng	95
73) Carbazole	11.55	167	982491	35.226 ng	95
74) Di-n-butylphthalate	11.88	149	1359747	43.775 ng	96
75) Fluoranthene	12.53	202	945283	36.637 ng	96
77) Benzidine	12.65	184	94210	7.304 ng	99
78) Pyrene	12.75	202	931040	37.636 ng	96
80) Butylbenzylphthalate	13.37	149	467098	38.737 ng	94
81) Benzo(a)anthracene	13.95	228	784635	41.126 ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	258294	33.303 ng	96
83) Chrysene	13.98	228	784501	39.033 ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	622898	40.444 ng	99
85) Di-n-octyl phthalate	14.54	149	1104495	42.516 ng	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	538729	37.139 ng	96
88) Benzo(b)fluoranthene	14.97	252	756828	44.726 ng	99
89) Benzo(k)fluoranthene	15.00	252	653717	40.431 ng	99
90) Benzo(a)pyrene	15.33	252	645841	42.325 ng	98
91) Dibenzo(a,h)anthracene	16.82	278	465823	38.700 ng	94
92) Benzo(g,h,i)perylene	17.23	276	437402	37.020 ng	96

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

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