Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110780.D
Acq On : 14 Nov 2018 22:28
Operator : JU/SJ
Sample : PB114818BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Manual Integrations APPROVED
Sohil
11/15/2018 10:59:31 AM

Quant Time: Nov 15 06:19:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62589	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	253823	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	120648	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	219019	20.00	ng		0.00
76) Chrysene-d12	14.13	240	132973	20.00	ng		-0.01
87) Perylene-d12	15.65	264	124471	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	372294	96.62	ng		0.00
7) Phenol-d6	6.57	99	463891	94.15	ng		0.00
23) Nitrobenzene-d5	7.51	82	287893	65.32	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	110851	91.18	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	577210	68.33	ng		0.00
79) Terphenyl-d14	13.06	244	474563	66.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	46853	24.404	ng		91
3) Pyridine	3.60	79	122340	29.521	ng		87
4) n-Nitrosodimethylamine	3.56	42	65904	37.064	ng		93
6) Aniline	6.61	93	88258	13.735	ng	#	54
8) 2-Chlorophenol	6.73	128	156625	34.674	ng		98
9) Benzaldehyde	6.50	77	82029	28.772	ng		98
10) Phenol	6.58	94	187385	32.797	ng	#	68
11) bis(2-Chloroethyl)ether	6.67	93	135179	31.570	ng		95
12) 1,3-Dichlorobenzene	6.88	146	160802	32.535	ng		99
13) 1,4-Dichlorobenzene	6.96	146	165564	32.988	ng		98
14) 1,2-Dichlorobenzene	7.11	146	155079	33.215	ng		98
15) Benzyl Alcohol	7.09	79	131832	34.189	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.21	45	218924	32.557	ng		72
17) 2-Methylphenol	7.19	107	124888	34.739	ng	#	80
18) Hexachloroethane	7.45	117	58605	31.630	ng		98
19) n-Nitroso-di-n-propylamine	7.35	70	104266	33.150	ng		95
20) 3+4-Methylphenols	7.35	107	162172	35.141	ng	#	76
22) Acetophenone	7.35	105	213815	36.145	ng		95
24) Nitrobenzene	7.53	77	156876	34.740	ng		94
25) Isophorone	7.76	82	287064	39.738	ng		95
26) 2-Nitrophenol	7.85	139	76865	34.120	ng		92
27) 2,4-Dimethylphenol	7.87	122	141138	41.138	ng		97
28) bis(2-Chloroethoxy)methane	7.96	93	179451	36.690	ng		99
29) 2,4-Dichlorophenol	8.08	162	131187	37.161	ng		96
30) 1,2,4-Trichlorobenzene	8.16	180	137906	34.647	ng		96
31) Naphthalene	8.25	128	451382	37.882	ng		100
32) Benzoic acid	7.99	122	62170	25.611	ng		96
33) 4-Chloroaniline	8.30	127	48601	9.005	ng		99
34) Hexachlorobutadiene	8.35	225	76383	33.598	ng		97
35) Caprolactam	8.66	113	41394	35.096	ng		88
36) 4-Chloro-3-methylphenol	8.78	107	141419	37.144	ng		94
37) 2-Methylnaphthalene	8.94	142	313747	40.166	ng		98
38) 1-Methylnaphthalene	9.04	142	295343	39.315	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	133818	35.040	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	22860	21.515 ng	98
43) 2,4,6-Trichlorophenol	9.22	196	87740	36.561 ng	94
44) 2,4,5-Trichlorophenol	9.26	196	93417	36.492 ng	96
46) 1,1'-Biphenyl	9.40	154	382911	34.022 ng	99
47) 2-Chloronaphthalene	9.43	162	288234	35.548 ng	98
48) 2-Nitroaniline	9.53	65	90966	36.406 ng	93
49) Acenaphthylene	9.85	152	456356	39.081 ng	99
50) Dimethylphthalate	9.70	163	339492	37.711 ng	99
51) 2,6-Dinitrotoluene	9.77	165	71524	36.117 ng	98
52) Acenaphthene	10.02	154	271947	36.852 ng	98
53) 3-Nitroaniline	9.95	138	41720	18.184 ng	89
54) 2,4-Dinitrophenol	10.06	184	18115	26.315 ng	90
55) Dibenzofuran	10.19	168	398383	36.899 ng	97
56) 4-Nitrophenol	10.11	139	96068	63.114 ng	91
57) 2,4-Dinitrotoluene	10.18	165	91416	35.503 ng	98
58) Fluorene	10.53	166	323209	38.974 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	73009m	36.254 ng	
60) Diethylphthalate	10.39	149	337847	37.934 ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	152136	35.431 ng	98
62) 4-Nitroaniline	10.56	138	70057	30.323 ng	91
63) Azobenzene	10.68	77	315671	36.329 ng	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	14687	13.306 ng	82
66) n-Nitrosodiphenylamine	10.64	169	283523	38.405 ng	97
67) 4-Bromophenyl-phenylether	11.02	248	87931	36.326 ng	98
68) Hexachlorobenzene	11.09	284	90464	35.448 ng	94
69) Atrazine	11.16	200	92712	41.073 ng	100
70) Pentachlorophenol	11.29	266	67044	49.234 ng	97
71) Phenanthrene	11.50	178	448835	38.251 ng	100
72) Anthracene	11.56	178	464088	39.208 ng	98
73) Carbazole	11.71	167	392482	34.526 ng	100
74) Di-n-butylphthalate	12.02	149	526504	39.496 ng	99
75) Fluoranthene	12.70	202	390397	33.186 ng	99
77) Benzidine	12.82	184	156075	42.681 ng	96
78) Pyrene	12.93	202	381174	37.229 ng	98
80) Butylbenzylphthalate	13.53	149	175555	39.837 ng	93
81) Benzo(a)anthracene	14.12	228	319013	40.138 ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	87511	32.868 ng	95
83) Chrysene	14.16	228	296384	39.142 ng	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	237884	43.515 ng	98
85) Di-n-octyl phthalate	14.69	149	385682	47.976 ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	234149	43.093 ng	97
88) Benzo(b)fluoranthene	15.20	252	300973	40.419 ng	99
89) Benzo(k)fluoranthene	15.23	252	279084	37.930 ng	98
90) Benzo(a)pyrene	15.59	252	270370	39.963 ng	98
91) Dibenzo(a,h)anthracene	17.23	278	198451	34.662 ng	99
92) Benzo(g,h,i)perylene	17.70	276	174305	30.685 ng	96

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

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