Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110612.D
Acq On : 9 Nov 2018 4:32
Operator : JU/SJ
Sample : PB114627BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114627BSD

Manual Integrations APPROVED
Sohil
11/9/2018 4:26:25 PM

Quant Time: Nov 09 13:49:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 08 14:14:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71215	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	288131	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	123256	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	192163	20.00	ng		0.00
76) Chrysene-d12	14.13	240	149539	20.00	ng		-0.01
87) Perylene-d12	15.65	264	117009	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	376920	85.97	ng		0.00
7) Phenol-d6	6.57	99	464587	82.87	ng		0.00
23) Nitrobenzene-d5	7.51	82	422618	84.47	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	92626	74.58	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	790617	91.61	ng		0.00
79) Terphenyl-d14	13.06	244	506790	63.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	60315	27.610	ng		89
3) Pyridine	3.62	79	175169	37.149	ng	#	85
4) n-Nitrosodimethylamine	3.58	42	90732	44.846	ng		90
6) Aniline	6.61	93	109394	14.962	ng	#	53
8) 2-Chlorophenol	6.73	128	205084	39.902	ng		96
9) Benzaldehyde	6.50	77	111631	36.144	ng		99
10) Phenol	6.59	94	245767	37.805	ng	#	63
11) bis(2-Chloroethyl)ether	6.67	93	184190	37.806	ng		93
12) 1,3-Dichlorobenzene	6.89	146	211506	37.611	ng		98
13) 1,4-Dichlorobenzene	6.96	146	213427	37.374	ng		98
14) 1,2-Dichlorobenzene	7.12	146	201794	37.986	ng		99
15) Benzyl Alcohol	7.09	79	172961	39.422	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.21	45	298634	39.032	ng		71
17) 2-Methylphenol	7.19	107	163777	40.039	ng	#	81
18) Hexachloroethane	7.45	117	74626	35.398	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	137292	38.363	ng		96
20) 3+4-Methylphenols	7.35	107	208095	39.630	ng	#	88
22) Acetophenone	7.36	105	277760	41.364	ng		97
24) Nitrobenzene	7.53	77	207346	40.449	ng		98
25) Isophorone	7.76	82	368778	44.972	ng		96
26) 2-Nitrophenol	7.85	139	97180	38.001	ng		97
27) 2,4-Dimethylphenol	7.87	122	181242	46.537	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	234511	42.238	ng		98
29) 2,4-Dichlorophenol	8.08	162	160970	40.168	ng		97
30) 1,2,4-Trichlorobenzene	8.17	180	175701	38.887	ng		95
31) Naphthalene	8.25	128	570441	42.173	ng		99
32) Benzoic acid	7.97	122	36978	13.419	ng		93
33) 4-Chloroaniline	8.30	127	59085	9.644	ng		96
34) Hexachlorobutadiene	8.36	225	97584	37.812	ng		98
35) Caprolactam	8.66	113	47957m	35.819	ng		
36) 4-Chloro-3-methylphenol	8.78	107	170452	39.439	ng		95
37) 2-Methylnaphthalene	8.94	142	387553	43.707	ng		99
38) 1-Methylnaphthalene	9.04	142	359979	42.214	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	161239	41.327	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	45132	34.470 ng	97
43) 2,4,6-Trichlorophenol	9.22	196	100381	40.943 ng	91
44) 2,4,5-Trichlorophenol	9.26	196	109129	41.728 ng	95
46) 1,1'-Biphenyl	9.40	154	463909	40.347 ng	99
47) 2-Chloronaphthalene	9.43	162	341314	41.204 ng	99
48) 2-Nitroaniline	9.53	65	107972	42.298 ng	90
49) Acenaphthylene	9.85	152	519817	43.574 ng	99
50) Dimethylphthalate	9.70	163	404576	43.990 ng	98
51) 2,6-Dinitrotoluene	9.77	165	83756	41.399 ng	99
52) Acenaphthene	10.02	154	310973	41.248 ng	98
53) 3-Nitroaniline	9.94	138	48051	20.500 ng	93
54) 2,4-Dinitrophenol	10.06	184	12478	19.274 ng	95
55) Dibenzofuran	10.19	168	447293	40.552 ng	97
56) 4-Nitrophenol	10.11	139	156998	100.961 ng	92
57) 2,4-Dinitrotoluene	10.18	165	104647	39.781 ng	89
58) Fluorene	10.54	166	344579	40.671 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	79214	38.503 ng	94
60) Diethylphthalate	10.40	149	377952	41.539 ng	98
61) 4-Chlorophenyl-phenylether	10.52	204	169005	38.527 ng	98
62) 4-Nitroaniline	10.56	138	71327	30.219 ng	94
63) Azobenzene	10.69	77	353353	39.805 ng	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	12357	12.759 ng	97
66) n-Nitrosodiphenylamine	10.65	169	302905	46.765 ng	97
67) 4-Bromophenyl-phenylether	11.02	248	93992	44.257 ng	96
68) Hexachlorobenzene	11.09	284	92487	41.305 ng	94
69) Atrazine	11.17	200	94194	47.561 ng	98
70) Pentachlorophenol	11.29	266	73482	61.503 ng	98
71) Phenanthrene	11.50	178	444179	43.145 ng	99
72) Anthracene	11.56	178	458404	44.140 ng	98
73) Carbazole	11.71	167	394322	39.536 ng	100
74) Di-n-butylphthalate	12.02	149	529086	45.237 ng	98
75) Fluoranthene	12.70	202	415265	40.233 ng	99
77) Benzidine	12.82	184	254291	61.836 ng	97
78) Pyrene	12.93	202	428131	37.183 ng	97
80) Butylbenzylphthalate	13.53	149	194154	39.177 ng	97
81) Benzo(a)anthracene	14.12	228	384242	42.989 ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	108950	36.387 ng	100
83) Chrysene	14.16	228	361175	42.415 ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	264040	42.949 ng	96
85) Di-n-octyl phthalate	14.69	149	471122	52.112 ng	99
86) Indeno(1,2,3-cd)pyrene	17.22	276	260405	42.616 ng	98
88) Benzo(b)fluoranthene	15.20	252	342378	48.912 ng	99
89) Benzo(k)fluoranthene	15.23	252	293831m	42.481 ng	
90) Benzo(a)pyrene	15.59	252	287608	45.222 ng	98
91) Dibenzo(a,h)anthracene	17.23	278	222439	41.330 ng	98
92) Benzo(g,h,i)perylene	17.69	276	206478	38.666 ng	98

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

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