Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110404.D
Acq On : 2 Nov 2018 11:41
Operator : JU/SJ
Sample : PB114382BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114382BS

Manual Integrations APPROVED
Sohil
11/5/2018 10:32:29 AM

Quant Time: Nov 05 00:46:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	68642	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	289344	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	135269	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	244503	20.00	ng		0.00
76) Chrysene-d12	14.13	240	146561	20.00	ng		0.00
87) Perylene-d12	15.66	264	146398	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	643049	152.56	ng		0.02
7) Phenol-d6	6.59	99	794201	147.31	ng		0.00
23) Nitrobenzene-d5	7.52	82	399043	81.80	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	191130	142.64	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	773743	89.82	ng		0.00
79) Terphenyl-d14	13.07	244	638625	90.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	98435	44.572	ng		90
3) Pyridine	3.66	79	202866	41.242	ng		87
4) n-Nitrosodimethylamine	3.61	42	94536	45.873	ng	#	93
6) Aniline	6.62	93	232883	33.158	ng	#	53
8) 2-Chlorophenol	6.75	128	205510	42.288	ng		97
9) Benzaldehyde	6.51	77	147009	50.847	ng		98
10) Phenol	6.60	94	255892	44.401	ng	#	63
11) bis(2-Chloroethyl)ether	6.69	93	190885	40.259	ng		92
12) 1,3-Dichlorobenzene	6.90	146	221134	41.348	ng		97
13) 1,4-Dichlorobenzene	6.97	146	226198	41.820	ng		99
14) 1,2-Dichlorobenzene	7.13	146	209257	41.675	ng		97
15) Benzyl Alcohol	7.09	79	176128	42.474	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	310341	40.937	ng		69
17) 2-Methylphenol	7.20	107	166718	43.046	ng	#	82
18) Hexachloroethane	7.46	117	84865	42.855	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	140615	40.653	ng		93
20) 3+4-Methylphenols	7.35	107	208660	41.679	ng		92
22) Acetophenone	7.36	105	284666	42.697	ng		96
24) Nitrobenzene	7.54	77	209340	41.565	ng		94
25) Isophorone	7.77	82	384040	46.184	ng		95
26) 2-Nitrophenol	7.85	139	106879	44.595	ng		97
27) 2,4-Dimethylphenol	7.88	122	186618	46.965	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	239766	42.444	ng		99
29) 2,4-Dichlorophenol	8.09	162	167763	41.790	ng		99
30) 1,2,4-Trichlorobenzene	8.17	180	185965	41.357	ng		96
31) Naphthalene	8.26	128	599047	44.921	ng		99
32) Benzoic acid	7.98	122	46374	15.100	ng		93
33) 4-Chloroaniline	8.30	127	144004	23.994	ng		99
34) Hexachlorobutadiene	8.37	225	104675	41.925	ng		98
35) Caprolactam	8.67	113	50510m	36.099	ng		
36) 4-Chloro-3-methylphenol	8.79	107	178910	41.214	ng		95
37) 2-Methylnaphthalene	8.95	142	413187	46.830	ng		99
38) 1-Methylnaphthalene	9.05	142	384629	45.110	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	176412	41.856	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	142983	66.346 ng	98
43) 2,4,6-Trichlorophenol	9.23	196	114046	41.953 ng	97
44) 2,4,5-Trichlorophenol	9.27	196	118997	41.412 ng	94
46) 1,1'-Biphenyl	9.42	154	497861	40.701 ng	99
47) 2-Chloronaphthalene	9.45	162	378456	42.178 ng	99
48) 2-Nitroaniline	9.54	65	112609	41.415 ng	97
49) Acenaphthylene	9.86	152	580502	44.792 ng	99
50) Dimethylphthalate	9.71	163	427582	42.821 ng	99
51) 2,6-Dinitrotoluene	9.78	165	93435	43.441 ng	91
52) Acenaphthene	10.03	154	353785	41.265 ng	98
53) 3-Nitroaniline	9.95	138	71959	28.133 ng	95
54) 2,4-Dinitrophenol	10.06	184	29804m	37.831 ng	
55) Dibenzofuran	10.20	168	507915	42.313 ng	97
56) 4-Nitrophenol	10.12	139	163531	86.385 ng	95
57) 2,4-Dinitrotoluene	10.19	165	123354	45.152 ng	93
58) Fluorene	10.55	166	402608	45.066 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	92045m	39.299 ng	
60) Diethylphthalate	10.41	149	417640	42.847 ng	100
61) 4-Chlorophenyl-phenylether	10.53	204	193405	41.038 ng	99
62) 4-Nitroaniline	10.57	138	92577	36.391 ng	94
63) Azobenzene	10.70	77	405345	41.895 ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	31390	28.100 ng	94
66) n-Nitrosodiphenylamine	10.66	169	349775	43.614 ng	98
67) 4-Bromophenyl-phenylether	11.03	248	111123	41.899 ng	96
68) Hexachlorobenzene	11.10	284	118888	42.249 ng	98
69) Atrazine	11.17	200	110394	43.558 ng	97
70) Pentachlorophenol	11.29	266	82546	50.306 ng	97
71) Phenanthrene	11.52	178	574774	44.927 ng	99
72) Anthracene	11.57	178	589459	45.967 ng	99
73) Carbazole	11.72	167	464528	37.101 ng	99
74) Di-n-butylphthalate	12.03	149	666927	47.163 ng	99
75) Fluoranthene	12.70	202	528742	40.723 ng	99
77) Benzidine	12.82	184	263662	Below Cal	97
78) Pyrene	12.94	202	507485	48.299 ng	98
80) Butylbenzylphthalate	13.54	149	206554	45.291 ng	93
81) Benzo(a)anthracene	14.12	228	391184	45.008 ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	94180	31.119 ng	99
83) Chrysene	14.16	228	362840	43.953 ng	97
84) Bis(2-ethylhexyl)phthalate	14.09	149	282361	45.801 ng	96
85) Di-n-octyl phthalate	14.70	149	455667	47.534 ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	422766	61.732 ng	97
88) Benzo(b)fluoranthene	15.20	252	361994	42.819 ng	99
89) Benzo(k)fluoranthene	15.23	252	360761	43.407 ng	98
90) Benzo(a)pyrene	15.59	252	361100	46.420 ng	98
91) Dibenzo(a,h)anthracene	17.24	278	356035	53.043 ng	99
92) Benzo(g,h,i)perylene	17.70	276	351872	53.199 ng	98

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

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