Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110487.D
Acq On : 6 Nov 2018 2:13
Operator : JU/SJ
Sample : PB114474BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB114474BS

Manual Integrations APPROVED
Sohil
11/6/2018 9:01:23 AM

Quant Time: Nov 06 05:15:40 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	96363	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	376363	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	164402	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	262007	20.00	ng		0.00
76) Chrysene-d12	14.14	240	169650	20.00	ng		0.00
87) Perylene-d12	15.66	264	131111	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	569345	96.21	ng		0.01
7) Phenol-d6	6.59	99	726389	95.97	ng		0.00
23) Nitrobenzene-d5	7.53	82	668946	105.42	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	145462	89.32	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	1173801	112.11	ng		0.00
79) Terphenyl-d14	13.07	244	876062	107.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	88820	28.649	ng		90
3) Pyridine	3.65	79	265803	38.492	ng	#	85
4) n-Nitrosodimethylamine	3.62	42	134183	46.381	ng		92
6) Aniline	6.62	93	188576	19.126	ng	#	55
8) 2-Chlorophenol	6.75	128	313749	45.989	ng		98
9) Benzaldehyde	6.51	77	190568	44.934	ng		96
10) Phenol	6.60	94	370305	45.770	ng	#	66
11) bis(2-Chloroethyl)ether	6.69	93	279626	42.009	ng		96
12) 1,3-Dichlorobenzene	6.90	146	321284	42.793	ng		97
13) 1,4-Dichlorobenzene	6.97	146	323991	42.668	ng		98
14) 1,2-Dichlorobenzene	7.13	146	301565	42.781	ng		99
15) Benzyl Alcohol	7.10	79	261185	44.867	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	455362	42.787	ng		71
17) 2-Methylphenol	7.20	107	249635	45.913	ng	#	83
18) Hexachloroethane	7.46	117	115196	41.437	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	208070	42.850	ng		95
20) 3+4-Methylphenols	7.36	107	313670	44.631	ng	#	87
22) Acetophenone	7.37	105	419888	48.418	ng	#	96
24) Nitrobenzene	7.55	77	315435	48.150	ng		90
25) Isophorone	7.77	82	576635	53.312	ng		98
26) 2-Nitrophenol	7.86	139	155222	49.791	ng		94
27) 2,4-Dimethylphenol	7.89	122	281064	54.379	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	363901	49.524	ng		99
29) 2,4-Dichlorophenol	8.10	162	252311	48.319	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	271597	46.435	ng		95
31) Naphthalene	8.26	128	871785	50.258	ng		100
32) Benzoic acid	8.02	122	117925	29.520	ng		89
33) 4-Chloroaniline	8.31	127	61460	7.873	ng		99
34) Hexachlorobutadiene	8.37	225	150320	46.287	ng		98
35) Caprolactam	8.69	113	74457m	40.910	ng		
36) 4-Chloro-3-methylphenol	8.79	107	268578	47.565	ng		97
37) 2-Methylnaphthalene	8.95	142	594978	51.842	ng		99
38) 1-Methylnaphthalene	9.05	142	552533	49.819	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	250407	48.885	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	133965	51.146 ng		100
43) 2,4,6-Trichlorophenol	9.23	196	161177	48.784 ng		96
44) 2,4,5-Trichlorophenol	9.27	196	169877	48.643 ng		97
46) 1,1'-Biphenyl	9.42	154	714270	48.045 ng		99
47) 2-Chloronaphthalene	9.45	162	529197	48.527 ng		99
48) 2-Nitroaniline	9.55	65	163998	49.627 ng		94
49) Acenaphthylene	9.86	152	796779	50.586 ng		98
50) Dimethylphthalate	9.71	163	624759	51.481 ng		99
51) 2,6-Dinitrotoluene	9.79	165	131794	50.417 ng		91
52) Acenaphthene	10.03	154	483459	46.397 ng		98
53) 3-Nitroaniline	9.96	138	64168	20.642 ng		86
54) 2,4-Dinitrophenol	10.07	184	35210	36.918 ng		93
55) Dibenzofuran	10.20	168	691411	47.393 ng		99
56) 4-Nitrophenol	10.13	139	244876	106.432 ng		89
57) 2,4-Dinitrotoluene	10.19	165	164105	49.424 ng		93
58) Fluorene	10.55	166	538111	49.560 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	130403	45.811 ng		96
60) Diethylphthalate	10.41	149	585929	49.460 ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	264180	46.122 ng		97
62) 4-Nitroaniline	10.57	138	112390	36.350 ng		93
63) Azobenzene	10.70	77	548779	46.669 ng		95
65) 4,6-Dinitro-2-methylphenol	10.60	198	28636	23.922 ng		97
66) n-Nitrosodiphenylamine	10.66	169	472860	55.023 ng		97
67) 4-Bromophenyl-phenylether	11.03	248	150853	53.080 ng		94
68) Hexachlorobenzene	11.10	284	147929	49.057 ng	#	92
69) Atrazine	11.18	200	149082	54.894 ng		99
70) Pentachlorophenol	11.29	266	118636	67.470 ng		96
71) Phenanthrene	11.52	178	700967	51.130 ng		99
72) Anthracene	11.57	178	720454	52.429 ng		98
73) Carbazole	11.72	167	610569	45.507 ng		99
74) Di-n-butylphthalate	12.03	149	822999	54.312 ng		99
75) Fluoranthene	12.70	202	621916	44.699 ng		99
77) Benzidine	12.83	184	281467	Below Cal		96
78) Pyrene	12.94	202	603042	49.582 ng		99
80) Butylbenzylphthalate	13.53	149	283365	53.678 ng		99
81) Benzo(a)anthracene	14.13	228	517145	51.403 ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	125982	35.961 ng		99
83) Chrysene	14.16	228	489593	51.236 ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	381842	53.508 ng		96
85) Di-n-octyl phthalate	14.70	149	627979	56.594 ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	346127	43.663 ng		97
88) Benzo(b)fluoranthene	15.20	252	426777	56.369 ng		99
89) Benzo(k)fluoranthene	15.24	252	393640	52.886 ng		98
90) Benzo(a)pyrene	15.60	252	373250	53.576 ng		98
91) Dibenzo(a,h)anthracene	17.24	278	293842	48.882 ng		99
92) Benzo(g,h,i)perylene	17.70	276	278001	46.931 ng		98

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

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