Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110311.D
Acq On : 30 Oct 2018 18:57
Operator : JU/SJ
Sample : PB114313BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Manual Integrations APPROVED
Sohil
10/31/2018 11:15:03 AM

Quant Time: Oct 31 05:17:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113022	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	447061	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	204058	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	339763	20.00	ng		0.00
76) Chrysene-d12	14.16	240	207031	20.00	ng		0.00
87) Perylene-d12	15.69	264	176844	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	430096	61.97	ng		0.01
7) Phenol-d6	6.59	99	552287	62.21	ng		0.00
23) Nitrobenzene-d5	7.53	82	502103	66.62	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	119749	59.24	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	935910	72.02	ng		0.00
79) Terphenyl-d14	13.09	244	702435	70.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	77004	21.177	ng		88
3) Pyridine	3.68	79	215906	26.658	ng	#	85
4) n-Nitrosodimethylamine	3.65	42	109939	32.400	ng		91
6) Aniline	6.63	93	157869	13.652	ng	#	53
8) 2-Chlorophenol	6.76	128	251020	31.371	ng		97
9) Benzaldehyde	6.52	77	106529	17.529	ng		97
10) Phenol	6.60	94	302730	31.902	ng	#	67
11) bis(2-Chloroethyl)ether	6.70	93	225824	28.926	ng		92
12) 1,3-Dichlorobenzene	6.91	146	259658	29.487	ng		97
13) 1,4-Dichlorobenzene	6.99	146	263470	29.584	ng		99
14) 1,2-Dichlorobenzene	7.14	146	247769	29.969	ng		100
15) Benzyl Alcohol	7.11	79	215698	31.591	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	358127	28.690	ng		69
17) 2-Methylphenol	7.22	107	199415	31.271	ng	#	82
18) Hexachloroethane	7.48	117	95268	29.218	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	167012	29.325	ng		95
20) 3+4-Methylphenols	7.37	107	261825	31.763	ng	#	86
22) Acetophenone	7.37	105	340318	33.037	ng	#	93
24) Nitrobenzene	7.55	77	253592	32.588	ng		96
25) Isophorone	7.79	82	458347	35.674	ng		97
26) 2-Nitrophenol	7.87	139	125819	33.977	ng		94
27) 2,4-Dimethylphenol	7.90	122	227774	37.100	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	286775	32.856	ng		99
29) 2,4-Dichlorophenol	8.11	162	207966	33.529	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	224026	32.245	ng		95
31) Naphthalene	8.27	128	709403	34.429	ng		99
32) Benzoic acid	8.01	122	92783	19.553	ng		94
33) 4-Chloroaniline	8.32	127	77129	8.317	ng		98
34) Hexachlorobutadiene	8.38	225	123365	31.979	ng		99
35) Caprolactam	8.69	113	63053m	29.166	ng		
36) 4-Chloro-3-methylphenol	8.80	107	219464	32.720	ng		94
37) 2-Methylnaphthalene	8.97	142	489821	35.930	ng		99
38) 1-Methylnaphthalene	9.07	142	454209	34.477	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	209024	32.876	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	113751	34.989 ng	99
43) 2,4,6-Trichlorophenol	9.25	196	135760	33.105 ng	95
44) 2,4,5-Trichlorophenol	9.29	196	147406	34.006 ng	96
46) 1,1'-Biphenyl	9.43	154	587784	31.853 ng	98
47) 2-Chloronaphthalene	9.46	162	444535	32.841 ng	98
48) 2-Nitroaniline	9.56	65	133941	32.655 ng	92
49) Acenaphthylene	9.88	152	683244	34.948 ng	99
50) Dimethylphthalate	9.73	163	519415	34.483 ng	100
51) 2,6-Dinitrotoluene	9.80	165	109944	33.885 ng	88
52) Acenaphthene	10.05	154	408126	31.556 ng	98
53) 3-Nitroaniline	9.97	138	66290	17.180 ng	83
54) 2,4-Dinitrophenol	10.07	184	39148	33.609 ng	91
55) Dibenzofuran	10.22	168	590990	32.637 ng	98
56) 4-Nitrophenol	10.13	139	222758	78.004 ng	94
57) 2,4-Dinitrotoluene	10.20	165	137299	33.315 ng	90
58) Fluorene	10.57	166	460724	34.186 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	111469m	31.549 ng	
60) Diethylphthalate	10.43	149	492193	33.473 ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	221151	31.107 ng	98
62) 4-Nitroaniline	10.59	138	97471	25.399 ng	93
63) Azobenzene	10.72	77	464003	31.791 ng	96
65) 4,6-Dinitro-2-methylphenol	10.61	198	29896	19.259 ng	82
66) n-Nitrosodiphenylamine	10.67	169	402104	36.082 ng	95
67) 4-Bromophenyl-phenylether	11.05	248	128187	34.782 ng	97
68) Hexachlorobenzene	11.12	284	130310	33.324 ng	97
69) Atrazine	11.20	200	131298	37.281 ng	98
70) Pentachlorophenol	11.31	266	105555	46.293 ng	97
71) Phenanthrene	11.53	178	611374	34.389 ng	99
72) Anthracene	11.59	178	634041	35.581 ng	99
73) Carbazole	11.74	167	530512	30.491 ng	99
74) Di-n-butylphthalate	12.05	149	715415	36.407 ng	99
75) Fluoranthene	12.73	202	536382	29.729 ng	98
77) Benzidine	12.84	184	221538	34.171 ng	96
78) Pyrene	12.96	202	519388	34.994 ng	98
80) Butylbenzylphthalate	13.56	149	237953	36.937 ng	99
81) Benzo(a)anthracene	14.14	228	438083	35.682 ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	104695	24.489 ng	100
83) Chrysene	14.19	228	404905	34.723 ng	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	323707	37.171 ng	96
85) Di-n-octyl phthalate	14.73	149	529701	39.118 ng	100
86) Indeno(1,2,3-cd)pyrene	17.26	276	309825	32.027 ng	97
88) Benzo(b)fluoranthene	15.23	252	377374	36.954 ng	99
89) Benzo(k)fluoranthene	15.26	252	368816	36.736 ng	97
90) Benzo(a)pyrene	15.63	252	345689	36.788 ng	98
91) Dibenzo(a,h)anthracene	17.28	278	268706	33.141 ng	98
92) Benzo(g,h,i)perylene	17.74	276	247500	30.977 ng	98

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

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