Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107334.D
Acq On : 12 Jul 2018 13:11
Operator : JU/SJ
Sample : PB110905BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Manual Integrations APPROVED
Sohil
7/13/2018 11:17:09 AM

Quant Time: Jul 12 15:23:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	61123	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	239371	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	125473	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	242264	20.00	ng		0.00
75) Chrysene-d12	14.15	240	166798	20.00	ng		0.00
86) Perylene-d12	15.71	264	182186	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	425264	117.81	ng		0.02
7) Phenol-d6	6.58	99	522400	115.89	ng		0.00
23) Nitrobenzene-d5	7.50	82	340736	79.11	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	169711	116.70	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	640258	86.66	ng		0.00
78) Terphenyl-d14	13.07	244	685013	99.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	56016	30.185	ng		97
3) Pyridine	3.61	79	162589	32.305	ng		97
4) n-Nitrosodimethylamine	3.58	42	70558	33.008	ng		81
6) Aniline	6.60	93	156290	25.560	ng	#	46
8) 2-Chlorophenol	6.72	128	158666	40.076	ng		98
9) Benzaldehyde	6.49	77	58347	16.206	ng		98
10) Phenol	6.60	94	192138	37.349	ng		75
11) bis(2-Chloroethyl)ether	6.67	93	159347	37.520	ng		100
12) 1,3-Dichlorobenzene	6.87	146	181226	39.082	ng		98
13) 1,4-Dichlorobenzene	6.95	146	185060	39.475	ng		98
14) 1,2-Dichlorobenzene	7.10	146	172750	40.208	ng		98
15) Benzyl Alcohol	7.08	79	131290	36.272	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	221632	39.775	ng	#	39
17) 2-Methylphenol	7.20	107	134629	39.736	ng	#	89
18) Hexachloroethane	7.44	117	62983	38.204	ng	#	84
19) n-Nitroso-di-n-propylamine	7.34	70	111330	37.467	ng		92
20) 3+4-Methylphenols	7.35	107	175609	49.346	ng	#	82
22) Acetophenone	7.34	105	220741	41.219	ng	#	98
24) Nitrobenzene	7.52	77	172589	39.247	ng		99
25) Isophorone	7.75	82	320724	42.256	ng		98
26) 2-Nitrophenol	7.84	139	91684	44.165	ng		94
27) 2,4-Dimethylphenol	7.87	122	149754	46.671	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	204888	40.204	ng		98
29) 2,4-Dichlorophenol	8.08	162	149812	44.596	ng		94
30) 1,2,4-Trichlorobenzene	8.15	180	163252	44.114	ng		98
31) Naphthalene	8.24	128	464740	41.527	ng		100
32) Benzoic acid	8.02	122	67345	31.140	ng		93
33) 4-Chloroaniline	8.29	127	86950	18.516	ng		98
34) Hexachlorobutadiene	8.34	225	107366	44.525	ng		99
35) Caprolactam	8.68	113	46120m	42.118	ng		
36) 4-Chloro-3-methylphenol	8.79	107	149657	42.325	ng		99
37) 2-Methylnaphthalene	8.93	142	344335	46.420	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	181809	43.026	ng	#	96
40) Hexachlorocyclopentadiene	9.07	237	58608	26.958	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	95371	33.955	ng		94
43) 2,4,5-Trichlorophenol	9.27	196	96025	32.763	ng		91
45) 1,1'-Biphenyl	9.40	154	416134	41.615	ng		99
46) 2-Chloronaphthalene	9.42	162	305438	38.805	ng		97
47) 2-Nitroaniline	9.53	65	94325	35.637	ng		94
48) Acenaphthylene	9.85	152	470441	37.857	ng		100
49) Dimethylphthalate	9.70	163	343443	36.495	ng	#	99
50) 2,6-Dinitrotoluene	9.77	165	82218	41.259	ng		95
51) Acenaphthene	10.01	154	288672	36.889	ng		97
52) 3-Nitroaniline	9.95	138	47182	20.576	ng		95
53) 2,4-Dinitrophenol	10.07	184	46490	47.222	ng	#	16
54) Dibenzofuran	10.19	168	423193	39.494	ng		97
55) 4-Nitrophenol	10.14	139	31818	19.879	ng		96
56) 2,4-Dinitrotoluene	10.19	165	99209	38.142	ng		93
57) Fluorene	10.54	166	349274	41.077	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	69888	29.997	ng	#	76
59) Diethylphthalate	10.40	149	334057	36.779	ng	#	94
60) 4-Chlorophenyl-phenylether	10.52	204	183907	41.337	ng	#	85
61) 4-Nitroaniline	10.57	138	71521	31.427	ng		95
62) Azobenzene	10.68	77	328332	36.708	ng		90
64) 4,6-Dinitro-2-methylphenol	10.61	198	51753	34.559	ng	#	69
65) n-Nitrosodiphenylamine	10.64	169	301770	37.033	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	124999	43.233	ng	#	77
67) Hexachlorobenzene	11.09	284	132040	43.633	ng	#	80
68) Atrazine	11.17	200	102683	39.639	ng		94
69) Pentachlorophenol	11.30	266	31229	20.682	ng		92
70) Phenanthrene	11.51	178	498991	42.704	ng		99
71) Anthracene	11.56	178	511491	42.886	ng		99
72) Carbazole	11.72	167	423959	37.967	ng		98
73) Di-n-butylphthalate	12.02	149	492354	37.427	ng		99
74) Fluoranthene	12.70	202	508166	39.457	ng		96
76) Benzidine	12.82	184	132881	27.973	ng		97
77) Pyrene	12.93	202	499533	45.416	ng		99
79) Butylbenzylphthalate	13.53	149	177176	39.178	ng	#	90
80) Benzo(a)anthracene	14.14	228	435071	42.797	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	95933	26.850	ng	#	96
82) Chrysene	14.17	228	402492	43.036	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	224856	38.891	ng	#	96
84) Di-n-octyl phthalate	14.73	149	391687	41.561	ng		96
85) Indeno(1,2,3-cd)pyrene	17.32	276	513628	64.715	ng	#	89
87) Benzo(b)fluoranthene	15.25	252	435929	38.519	ng	#	96
88) Benzo(k)fluoranthene	15.28	252	426995	39.619	ng	#	96
89) Benzo(a)pyrene	15.64	252	431004	42.840	ng		97
90) Dibenzo(a,h)anthracene	17.32	278	421060	49.383	ng	#	93
91) Benzo(g,h,i)perylene	17.80	276	439306	52.713	ng	#	90

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

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