Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106761.D
Acq On : 25 Jun 2018 10:40
Operator : JU/SJ
Sample : PB110506BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110506BS

Manual Integrations APPROVED
Sohil
6/27/2018 10:55:28 AM

Quant Time: Jun 25 13:55:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	57219	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	228852	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	126380	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	275048	20.00	ng		0.00
75) Chrysene-d12	14.16	240	254544	20.00	ng		0.00
86) Perylene-d12	15.70	264	215868	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	370132	109.54	ng		0.01
7) Phenol-d6	6.61	99	469374	111.23	ng		0.00
23) Nitrobenzene-d5	7.53	82	309983	75.28	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	185559	126.68	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	596540	78.82	ng		0.00
78) Terphenyl-d14	13.08	244	814505	77.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	48821	28.103	ng		99
3) Pyridine	3.64	79	144001	30.564	ng		97
4) n-Nitrosodimethylamine	3.61	42	61722	30.844	ng		84
6) Aniline	6.63	93	111607	19.498	ng	#	77
8) 2-Chlorophenol	6.75	128	136934	36.947	ng		98
9) Benzaldehyde	6.51	77	66002	20.072	ng		99
10) Phenol	6.62	94	164703	34.200	ng		86
11) bis(2-Chloroethyl)ether	6.70	93	136837	34.418	ng		99
12) 1,3-Dichlorobenzene	6.90	146	160037	36.868	ng		97
13) 1,4-Dichlorobenzene	6.98	146	160212	36.506	ng		97
14) 1,2-Dichlorobenzene	7.13	146	149887	37.267	ng		98
15) Benzyl Alcohol	7.11	79	119698	35.326	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	193947	37.181	ng		69
17) 2-Methylphenol	7.22	107	118681	37.419	ng	#	91
18) Hexachloroethane	7.47	117	55041	35.665	ng	#	83
19) n-Nitroso-di-n-propylamine	7.37	70	92593	33.288	ng		94
20) 3+4-Methylphenols	7.37	107	144885	41.371	ng	#	69
22) Acetophenone	7.37	105	185349	36.201	ng		98
24) Nitrobenzene	7.55	77	148479	35.316	ng		99
25) Isophorone	7.78	82	275377	37.949	ng		100
26) 2-Nitrophenol	7.86	139	79486	40.049	ng		97
27) 2,4-Dimethylphenol	7.90	122	128657	41.939	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	177264	36.383	ng		99
29) 2,4-Dichlorophenol	8.11	162	128821	40.110	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	141718	40.055	ng		98
31) Naphthalene	8.27	128	402952	37.661	ng		99
32) Benzoic acid	8.03	122	73642	34.793	ng		93
33) 4-Chloroaniline	8.31	127	49109	10.939	ng		98
34) Hexachlorobutadiene	8.37	225	93562	40.584	ng		98
35) Caprolactam	8.70	113	46788m	44.691	ng		
36) 4-Chloro-3-methylphenol	8.81	107	134108	39.671	ng		93
37) 2-Methylnaphthalene	8.96	142	299687	42.258	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	156997	36.888	ng	#	97
40) Hexachlorocyclopentadiene	9.11	237	150632	68.790	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	97956	34.625	ng		92
43) 2,4,5-Trichlorophenol	9.29	196	103942	35.210	ng	#	87
45) 1,1'-Biphenyl	9.42	154	363512	36.092	ng		98
46) 2-Chloronaphthalene	9.45	162	270485	34.118	ng		96
47) 2-Nitroaniline	9.55	65	86680	32.514	ng		93
48) Acenaphthylene	9.87	152	435873	34.823	ng		99
49) Dimethylphthalate	9.72	163	331519	34.975	ng		98
50) 2,6-Dinitrotoluene	9.79	165	78377	39.049	ng		88
51) Acenaphthene	10.04	154	260059	32.994	ng		98
52) 3-Nitroaniline	9.96	138	40411	17.496	ng		99
53) 2,4-Dinitrophenol	10.07	184	72812	70.457	ng	#	20
54) Dibenzofuran	10.21	168	408275	37.828	ng		97
55) 4-Nitrophenol	10.15	139	95075	58.973	ng		96
56) 2,4-Dinitrotoluene	10.20	165	107830	41.158	ng		88
57) Fluorene	10.55	166	320525	37.425	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	96006	40.912	ng	#	79
59) Diethylphthalate	10.42	149	321440	35.136	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	167648	37.412	ng	#	84
61) 4-Nitroaniline	10.58	138	84820	37.003	ng		95
62) Azobenzene	10.70	77	304745	33.827	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	60285	35.458	ng		78
65) n-Nitrosodiphenylamine	10.67	169	286658	30.986	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	120536	36.720	ng	#	78
67) Hexachlorobenzene	11.10	284	127719	37.175	ng	#	85
68) Atrazine	11.19	200	111437	37.891	ng		94
69) Pentachlorophenol	11.30	266	99788	58.211	ng		99
70) Phenanthrene	11.52	178	492811	37.148	ng		99
71) Anthracene	11.58	178	508744	37.571	ng		99
72) Carbazole	11.73	167	465656	36.731	ng		98
73) Di-n-butylphthalate	12.04	149	528145	35.362	ng		99
74) Fluoranthene	12.72	202	576193	39.406	ng		94
76) Benzidine	12.83	184	212556	29.321	ng		97
77) Pyrene	12.95	202	582822	34.722	ng		100
79) Butylbenzylphthalate	13.55	149	238185	34.513	ng	#	95
80) Benzo(a)anthracene	14.15	228	570880	36.798	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	86473	15.859	ng	#	97
82) Chrysene	14.19	228	523408	36.672	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	320139	36.284	ng	#	96
84) Di-n-octyl phthalate	14.75	149	548242	38.120	ng		95
85) Indeno(1,2,3-cd)pyrene	17.28	276	461824	38.129	ng	#	89
87) Benzo(b)fluoranthene	15.25	252	498666	37.187	ng	#	96
88) Benzo(k)fluoranthene	15.28	252	480880	37.657	ng	#	95
89) Benzo(a)pyrene	15.64	252	456348	38.282	ng	#	95
90) Dibenzo(a,h)anthracene	17.30	278	379051	37.519	ng	#	94
91) Benzo(g,h,i)perylene	17.77	276	392999	39.799	ng	#	89

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

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