Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106390.D
Acq On : 13 Jun 2018 14:50
Operator : JU/SJ
Sample : PB110210BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Manual Integrations APPROVED
Sohil
6/14/2018 2:47:35 PM

Quant Time: Jun 14 02:59:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127615	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	494536	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	246335	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	511722	20.00	ng		0.00
75) Chrysene-d12	14.15	240	454856	20.00	ng		-0.01
86) Perylene-d12	15.68	264	364075	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	831612	110.29	ng		-0.01
7) Phenol-d6	6.61	99	985710	103.47	ng		-0.01
23) Nitrobenzene-d5	7.53	82	667706	79.43	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	327488	138.17	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1167897	83.83	ng		0.00
78) Terphenyl-d14	13.08	244	1509565	82.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	119196	30.546	ng		95
3) Pyridine	3.63	79	360144	33.118	ng		99
4) n-Nitrosodimethylamine	3.59	42	159493	32.016	ng		98
6) Aniline	6.63	93	321466	23.110	ng	#	65
8) 2-Chlorophenol	6.77	128	300565	37.068	ng		99
9) Benzaldehyde	6.52	77	199662	27.632	ng		98
10) Phenol	6.62	94	388566	37.364	ng	#	63
11) bis(2-Chloroethyl)ether	6.70	93	306537	34.432	ng		100
12) 1,3-Dichlorobenzene	6.91	146	340197	35.648	ng		99
13) 1,4-Dichlorobenzene	6.98	146	342910	35.409	ng		99
14) 1,2-Dichlorobenzene	7.14	146	319557	35.052	ng		98
15) Benzyl Alcohol	7.11	79	279765	34.293	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	456209	35.748	ng	#	13
17) 2-Methylphenol	7.23	107	251203	34.724	ng	#	89
18) Hexachloroethane	7.48	117	122297	35.441	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	224043	31.349	ng		98
20) 3+4-Methylphenols	7.38	107	343855	37.168	ng		93
22) Acetophenone	7.37	105	430188	34.518	ng	#	99
24) Nitrobenzene	7.55	77	338007	36.994	ng		99
25) Isophorone	7.78	82	609256	37.105	ng		97
26) 2-Nitrophenol	7.86	139	160899	45.369	ng		92
27) 2,4-Dimethylphenol	7.91	122	275504	39.634	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	389825	36.615	ng		99
29) 2,4-Dichlorophenol	8.12	162	272053	40.568	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	274782	36.544	ng		94
31) Naphthalene	8.27	128	835077	37.354	ng		99
32) Benzoic acid	8.02	122	156278	33.142	ng		92
33) 4-Chloroaniline	8.32	127	161339	16.285	ng		99
34) Hexachlorobutadiene	8.38	225	175778	36.388	ng		98
35) Caprolactam	8.68	113	88531m	39.030	ng		
36) 4-Chloro-3-methylphenol	8.81	107	284753	38.387	ng		97
37) 2-Methylnaphthalene	8.96	142	595957	39.140	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	297544	37.208	ng		98
40) Hexachlorocyclopentadiene	9.11	237	351540	79.677	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	207183	40.655	ng		98
43) 2,4,5-Trichlorophenol	9.31	196	214303	39.008	ng	#	92
45) 1,1'-Biphenyl	9.42	154	698814	36.626	ng		98
46) 2-Chloronaphthalene	9.45	162	563005	36.873	ng		97
47) 2-Nitroaniline	9.55	65	197335	41.083	ng		86
48) Acenaphthylene	9.87	152	907922	38.848	ng		98
49) Dimethylphthalate	9.72	163	666566	37.875	ng	#	99
50) 2,6-Dinitrotoluene	9.79	165	146488	40.748	ng		99
51) Acenaphthene	10.04	154	537507	35.613	ng		99
52) 3-Nitroaniline	9.96	138	112322	26.325	ng		94
53) 2,4-Dinitrophenol	10.07	184	158035	94.053	ng	#	21
54) Dibenzofuran	10.21	168	776070	38.184	ng		96
55) 4-Nitrophenol	10.15	139	251723	76.968	ng		91
56) 2,4-Dinitrotoluene	10.19	165	206381	45.716	ng	#	95
57) Fluorene	10.56	166	616484	38.284	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	189894	43.611	ng	#	84
59) Diethylphthalate	10.42	149	659385	37.748	ng	#	94
60) 4-Chlorophenyl-phenylether	10.55	204	314371	37.118	ng	#	88
61) 4-Nitroaniline	10.58	138	173332	41.754	ng		95
62) Azobenzene	10.71	77	685332	37.625	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	113349	41.971	ng		84
65) n-Nitrosodiphenylamine	10.67	169	589564	34.281	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	217318	37.338	ng	#	88
67) Hexachlorobenzene	11.11	284	227028	37.836	ng	#	84
68) Atrazine	11.19	200	201411	38.002	ng		97
69) Pentachlorophenol	11.31	266	214858	58.160	ng		99
70) Phenanthrene	11.52	178	952662	38.014	ng		98
71) Anthracene	11.58	178	974479	38.814	ng		97
72) Carbazole	11.73	167	889302	38.367	ng		98
73) Di-n-butylphthalate	12.05	149	1056109	40.939	ng		98
74) Fluoranthene	12.72	202	1072095	40.114	ng		96
76) Benzidine	12.84	184	657054	43.404	ng		98
77) Pyrene	12.95	202	1080784	37.953	ng		97
79) Butylbenzylphthalate	13.55	149	493823	46.327	ng		96
80) Benzo(a)anthracene	14.14	228	994193	36.729	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	179378	19.641	ng	#	97
82) Chrysene	14.18	228	933355	37.767	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	690169	45.157	ng		100
84) Di-n-octyl phthalate	14.74	149	1024589	46.500	ng		99
85) Indeno(1,2,3-cd)pyrene	17.25	276	868130	44.015	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	823945	37.439	ng		97
88) Benzo(k)fluoranthene	15.26	252	750653	34.440	ng	#	97
89) Benzo(a)pyrene	15.62	252	757455	38.265	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	719599	43.603	ng	#	95
91) Benzo(g,h,i)perylene	17.72	276	739928	46.135	ng	#	92

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

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