Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104990.D
Acq On : 1 May 2018 18:07
Operator : JU/SJ
Sample : J2565-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4_0.0-0.5MS

Manual Integrations APPROVED
Sohil
5/2/2018 4:21:30 PM

Quant Time: May 02 12:08:39 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 16:13:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116459	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	484659	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	220587	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	373289	20.00	ng		0.00
75) Chrysene-d12	14.02	240	212065	20.00	ng		0.04
86) Perylene-d12	15.55	264	214530	20.00	ng		0.12
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	856219	112.42	ng		0.00
7) Phenol-d6	6.44	99	1062133	113.50	ng		0.00
23) Nitrobenzene-d5	7.36	82	666940	89.86	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	256750	112.21	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1126218	80.66	ng		0.00
78) Terphenyl-d14	12.92	244	905109	97.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	87094	24.541	ng	#	87
3) Pyridine	3.26	79	248783	24.933	ng	#	83
4) n-Nitrosodimethylamine	3.22	42	108319	31.055	ng	#	77
6) Aniline	6.46	93	257947	19.840	ng	#	29
8) 2-Chlorophenol	6.58	128	283621	35.281	ng		93
9) Benzaldehyde	6.34	77	112459	19.998	ng		98
10) Phenol	6.45	94	352743	35.526	ng		80
11) bis(2-Chloroethyl)ether	6.53	93	270500	34.138	ng		90
12) 1,3-Dichlorobenzene	6.73	146	293379	32.214	ng		99
13) 1,4-Dichlorobenzene	6.81	146	295783	32.581	ng		98
14) 1,2-Dichlorobenzene	6.96	146	276917	32.916	ng		99
15) Benzyl Alcohol	6.94	79	224932	31.646	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	297797	27.986	ng		67
17) 2-Methylphenol	7.06	107	231937	33.192	ng	#	92
18) Hexachloroethane	7.30	117	103489	31.973	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	181863	29.740	ng		92
20) 3+4-Methylphenols	7.21	107	288356	33.272	ng	#	74
22) Acetophenone	7.20	105	389982	32.684	ng		99
24) Nitrobenzene	7.38	77	286061	34.908	ng		98
25) Isophorone	7.62	82	525333	33.471	ng		99
26) 2-Nitrophenol	7.70	139	153436	45.993	ng		90
27) 2,4-Dimethylphenol	7.73	122	244921	35.358	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	341298	35.565	ng		100
29) 2,4-Dichlorophenol	7.94	162	247629	37.467	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	246773	34.022	ng		98
31) Naphthalene	8.10	128	844009	34.973	ng		99
32) Benzoic acid	7.83	122	35619	6.445	ng		95
33) 4-Chloroaniline	8.15	127	197126	19.066	ng		96
34) Hexachlorobutadiene	8.21	225	132859	33.441	ng		99
35) Caprolactam	8.53	113	79186	34.344	ng	#	75
36) 4-Chloro-3-methylphenol	8.65	107	254543	35.917	ng		99
37) 2-Methylnaphthalene	8.79	142	556628	35.657	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	232751	36.860	ng		98
40) Hexachlorocyclopentadiene	8.93	237	65918	18.647	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	162048	36.968	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	172006	35.066	ng		96
45) 1,1'-Biphenyl	9.26	154	636656	34.357	ng		98
46) 2-Chloronaphthalene	9.28	162	507563	34.677	ng		99
47) 2-Nitroaniline	9.39	65	148768	41.099	ng		93
48) Acenaphthylene	9.70	152	757653	32.992	ng		99
49) Dimethylphthalate	9.56	163	747028	42.945	ng		100
50) 2,6-Dinitrotoluene	9.63	165	129901	40.358	ng		93
51) Acenaphthene	9.87	154	457523	32.653	ng		99
52) 3-Nitroaniline	9.80	138	119794	31.791	ng		96
53) 2,4-Dinitrophenol	9.91	184	28247	31.617	ng	#	25
54) Dibenzofuran	10.04	168	667884	34.203	ng		96
55) 4-Nitrophenol	9.97	139	173415	58.585	ng		96
56) 2,4-Dinitrotoluene	10.03	165	157289	37.254	ng	#	96
57) Fluorene	10.39	166	535740	37.693	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	129544	35.400	ng		93
59) Diethylphthalate	10.26	149	574544	33.164	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	240136	37.938	ng		97
61) 4-Nitroaniline	10.42	138	136390	37.018	ng		96
62) Azobenzene	10.53	77	505366	30.533	ng		94
64) 4,6-Dinitro-2-methylphenol	10.45	198	29530	21.104	ng		89
65) n-Nitrosodiphenylamine	10.50	169	462600	35.742	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	146219	36.825	ng		95
67) Hexachlorobenzene	10.93	284	153486	34.354	ng		93
68) Atrazine	11.03	200	145414	37.221	ng		100
69) Pentachlorophenol	11.13	266	125829	45.524	ng		98
70) Phenanthrene	11.36	178	1286227	61.873	ng		99
71) Anthracene	11.40	178	829326	39.246	ng		99
72) Carbazole	11.56	167	701903	33.992	ng		100
73) Di-n-butylphthalate	11.88	149	855351	33.910	ng		99
74) Fluoranthene	12.55	202	1538644	70.841	ng		99
76) Benzidine	12.67	184	49410	2.689	ng		98
77) Pyrene	12.78	202	1390913	88.486	ng		99
79) Butylbenzylphthalate	13.39	149	306843	41.435	ng		98
80) Benzo(a)anthracene	14.00	228	1024100	80.835	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	132138	27.974	ng	#	96
82) Chrysene	14.04	228	899007	69.085	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	435305	45.700	ng		98
84) Di-n-octyl phthalate	14.64	149	650427	40.867	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.05	276	793670	71.797	ng		93
87) Benzo(b)fluoranthene	15.13	252	1157829	85.453	ng		97
88) Benzo(k)fluoranthene	15.15	252	636523	49.760	ng		99
89) Benzo(a)pyrene	15.43	252	388984m	32.086	ng		
90) Dibenzo(a,h)anthracene	17.06	278	438405	44.030	ng		96
91) Benzo(g,h,i)perylene	17.50	276	684928	71.002	ng		95

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

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