Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103367.D
Acq On : 2 Mar 2018 16:12
Operator : SJ/JU
Sample : PB106972BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106972BS

Manual Integrations APPROVED
Sohil
3/5/2018 3:13:11 PM

Quant Time: Mar 02 22:16:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	151212	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	617961	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	283683	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	478332	20.00	ng		0.00
75) Chrysene-d12	14.07	240	340202	20.00	ng		0.00
86) Perylene-d12	15.57	264	307204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1120827	112.11	ng		0.01
7) Phenol-d6	6.52	99	1337360	109.32	ng		0.00
23) Nitrobenzene-d5	7.45	82	900417	83.21	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	254995	106.19	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1286973	76.24	ng		0.00
78) Terphenyl-d14	13.00	244	1165406	82.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	169563	32.111	ng		92
3) Pyridine	3.49	79	505579	35.863	ng		98
4) n-Nitrosodimethylamine	3.43	42	274612	48.300	ng		95
6) Aniline	6.55	93	556124	31.497	ng		94
8) 2-Chlorophenol	6.67	128	406724	39.160	ng		97
9) Benzaldehyde	6.43	77	192767	22.927	ng		97
10) Phenol	6.53	94	536578	37.781	ng		81
11) bis(2-Chloroethyl)ether	6.62	93	428352	39.739	ng		95
12) 1,3-Dichlorobenzene	6.82	146	420869	35.459	ng		96
13) 1,4-Dichlorobenzene	6.89	146	426080	35.806	ng		100
14) 1,2-Dichlorobenzene	7.05	146	388977	35.450	ng		99
15) Benzyl Alcohol	7.02	79	364693	39.559	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	674790	36.455	ng		83
17) 2-Methylphenol	7.13	107	358112	37.941	ng	#	94
18) Hexachloroethane	7.38	117	157775	36.421	ng		89
19) n-Nitroso-di-n-propylamine	7.29	70	287576	37.769	ng		95
20) 3+4-Methylphenols	7.29	107	413249	35.917	ng	#	63
22) Acetophenone	7.29	105	546093	37.859	ng	#	86
24) Nitrobenzene	7.46	77	484443	40.663	ng		95
25) Isophorone	7.70	82	877285	41.164	ng		97
26) 2-Nitrophenol	7.78	139	234652	41.838	ng		97
27) 2,4-Dimethylphenol	7.82	122	382076	44.568	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	526018	41.981	ng		99
29) 2,4-Dichlorophenol	8.02	162	342440	41.722	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	314314	35.961	ng		99
31) Naphthalene	8.18	128	1125699	37.208	ng		100
32) Benzoic acid	7.96	122	262211	42.203	ng		94
33) 4-Chloroaniline	8.23	127	376123	28.810	ng		97
34) Hexachlorobutadiene	8.29	225	156261	34.332	ng		99
35) Caprolactam	8.62	113	126058m	43.700	ng		
36) 4-Chloro-3-methylphenol	8.72	107	391812	42.323	ng		100
37) 2-Methylnaphthalene	8.87	142	761596	38.951	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	277947	35.839	ng	#	97
40) Hexachlorocyclopentadiene	9.02	237	172930	65.119	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	207755	39.812	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	224581	37.418	ng		98
45) 1,1'-Biphenyl	9.34	154	862698	36.292	ng		99
46) 2-Chloronaphthalene	9.37	162	690405	36.711	ng		97
47) 2-Nitroaniline	9.47	65	288061	41.351	ng		88
48) Acenaphthylene	9.78	152	1045396	36.129	ng		100
49) Dimethylphthalate	9.63	163	833004	36.603	ng		100
50) 2,6-Dinitrotoluene	9.71	165	182017	38.113	ng		93
51) Acenaphthene	9.96	154	620428	36.771	ng		98
52) 3-Nitroaniline	9.88	138	183278	30.248	ng		94
53) 2,4-Dinitrophenol	10.00	184	138392	80.198	ng	#	17
54) Dibenzofuran	10.13	168	880464	38.014	ng		96
55) 4-Nitrophenol	10.06	139	253315	67.456	ng		89
56) 2,4-Dinitrotoluene	10.12	165	233296	38.625	ng	#	89
57) Fluorene	10.47	166	712693	36.121	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	162897	40.402	ng		96
59) Diethylphthalate	10.33	149	840784	38.629	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	316463	37.822	ng		99
61) 4-Nitroaniline	10.50	138	226144	37.367	ng		99
62) Azobenzene	10.62	77	890139	40.178	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	102293	36.471	ng		89
65) n-Nitrosodiphenylamine	10.58	169	646050	38.791	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	188137	37.757	ng		91
67) Hexachlorobenzene	11.02	284	197707	36.556	ng		98
68) Atrazine	11.11	200	201688	40.290	ng		99
69) Pentachlorophenol	11.22	266	174573	66.758	ng		99
70) Phenanthrene	11.44	178	979360	37.204	ng		99
71) Anthracene	11.49	178	1028442	38.099	ng		99
72) Carbazole	11.65	167	999296	37.175	ng		99
73) Di-n-butylphthalate	11.96	149	1275254	37.913	ng		99
74) Fluoranthene	12.63	202	1017739	38.474	ng		99
76) Benzidine	12.75	184	327468	25.747	ng		97
77) Pyrene	12.86	202	1036911	39.093	ng		100
79) Butylbenzylphthalate	13.46	149	556067	39.680	ng		97
80) Benzo(a)anthracene	14.06	228	876028	39.687	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	244169	30.995	ng		99
82) Chrysene	14.10	228	829911	38.721	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	691185	36.549	ng		99
84) Di-n-octyl phthalate	14.64	149	1271992	41.630	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	648099	38.196	ng		99
87) Benzo(b)fluoranthene	15.13	252	790439	39.134	ng		98
88) Benzo(k)fluoranthene	15.16	252	765903	40.268	ng		100
89) Benzo(a)pyrene	15.52	252	725289	40.211	ng		99
90) Dibenzo(a,h)anthracene	17.12	278	529888	38.019	ng		97
91) Benzo(g,h,i)perylene	17.58	276	545701	40.061	ng		99

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

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