Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103619.D
Acq On : 13 Mar 2018 21:56
Operator : SJ/JU
Sample : PB107300BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107300BS

Manual Integrations APPROVED
Sohil
3/14/2018 1:30:40 PM

Quant Time: Mar 14 11:38:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125353	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	545135	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	254977	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	428158	20.00	ng		0.00
75) Chrysene-d12	14.06	240	262816	20.00	ng		0.00
86) Perylene-d12	15.56	264	226864	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1032534	124.58	ng		0.00
7) Phenol-d6	6.50	99	1199314	118.25	ng		0.00
23) Nitrobenzene-d5	7.43	82	801485	83.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	226094	104.76	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1187558	78.85	ng		-0.01
78) Terphenyl-d14	12.98	244	1035975	94.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	139681	31.909	ng		96
3) Pyridine	3.52	79	377571m	32.308	ng		
4) n-Nitrosodimethylamine	3.45	42	211551m	44.884	ng		
6) Aniline	6.55	93	175702	12.004	ng	#	53
8) 2-Chlorophenol	6.65	128	361756	42.016	ng		87
9) Benzaldehyde	6.43	77	140378	19.663	ng		95
10) Phenol	6.52	94	506659	43.034	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	312173	34.935	ng		94
12) 1,3-Dichlorobenzene	6.80	146	374707	38.082	ng		98
13) 1,4-Dichlorobenzene	6.87	146	408655	41.426	ng		100
14) 1,2-Dichlorobenzene	7.02	146	359736	39.548	ng		99
15) Benzyl Alcohol	7.02	79	293408	38.392	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	584807	38.111	ng		50
17) 2-Methylphenol	7.12	107	306015	39.110	ng	#	76
18) Hexachloroethane	7.36	117	136556	38.025	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	284510	45.075	ng		94
20) 3+4-Methylphenols	7.29	107	415929	43.607	ng	#	76
22) Acetophenone	7.27	105	540821	42.503	ng		94
24) Nitrobenzene	7.45	77	411198	39.126	ng		97
25) Isophorone	7.67	82	787265	41.875	ng		94
26) 2-Nitrophenol	7.76	139	205964	41.629	ng		92
27) 2,4-Dimethylphenol	7.80	122	339063	44.834	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	483280	43.722	ng		98
29) 2,4-Dichlorophenol	8.02	162	305479	42.191	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	293051	38.008	ng		98
31) Naphthalene	8.16	128	1072579	40.188	ng		100
32) Benzoic acid	7.95	122	73787	18.171	ng		96
33) 4-Chloroaniline	8.25	127	89600	7.780	ng	#	92
34) Hexachlorobutadiene	8.26	225	141580	35.262	ng		98
35) Caprolactam	8.60	113	99287m	39.017	ng		
36) 4-Chloro-3-methylphenol	8.72	107	353199	43.249	ng		99
37) 2-Methylnaphthalene	8.85	142	687964	39.886	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	259537	37.233	ng		98
40) Hexachlorocyclopentadiene	8.99	237	34538	21.378	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	173968	37.091	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	176907	32.794	ng		96
45) 1,1'-Biphenyl	9.32	154	797115	37.308	ng		99
46) 2-Chloronaphthalene	9.35	162	640420	37.887	ng		100
47) 2-Nitroaniline	9.46	65	268269	42.846	ng	#	80
48) Acenaphthylene	9.76	152	948684	36.478	ng		100
49) Dimethylphthalate	9.62	163	723947	35.393	ng		99
50) 2,6-Dinitrotoluene	9.69	165	159872	37.245	ng	#	69
51) Acenaphthene	9.93	154	554472	36.562	ng		99
52) 3-Nitroaniline	9.89	138	71733	13.172	ng		93
53) 2,4-Dinitrophenol	10.02	184	32609	28.123	ng	#	25
54) Dibenzofuran	10.10	168	814424	39.121	ng		91
55) 4-Nitrophenol	10.07	139	130065m	38.535	ng		
56) 2,4-Dinitrotoluene	10.11	165	209142	38.524	ng	#	67
57) Fluorene	10.45	166	661083	37.278	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	137520	37.948	ng	#	94
59) Diethylphthalate	10.32	149	745915	38.129	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	294993	39.226	ng		97
61) 4-Nitroaniline	10.50	138	175465	32.257	ng		98
62) Azobenzene	10.60	77	824846	41.422	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	43146	19.801	ng		83
65) n-Nitrosodiphenylamine	10.56	169	586673	39.353	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	174234	39.065	ng		99
67) Hexachlorobenzene	11.00	284	178864	36.948	ng		97
68) Atrazine	11.09	200	186222	41.560	ng		96
69) Pentachlorophenol	11.21	266	96618	41.277	ng		99
70) Phenanthrene	11.42	178	910911	38.659	ng		99
71) Anthracene	11.47	178	987116	40.854	ng		99
72) Carbazole	11.64	167	968091	40.234	ng		99
73) Di-n-butylphthalate	11.94	149	1218105	40.458	ng		99
74) Fluoranthene	12.62	202	912033	38.518	ng		99
76) Benzidine	12.74	184	334639	34.058	ng		98
77) Pyrene	12.85	202	875157	42.710	ng		99
79) Butylbenzylphthalate	13.44	149	491115	45.364	ng		94
80) Benzo(a)anthracene	14.04	228	650455	38.144	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	135842	22.322	ng		100
82) Chrysene	14.08	228	657924	39.736	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	674270	46.153	ng	#	100
84) Di-n-octyl phthalate	14.62	149	1083043	45.883	ng		98
85) Indeno(1,2,3-cd)pyrene	17.11	276	566932	43.250	ng		98
87) Benzo(b)fluoranthene	15.12	252	540121	36.211	ng		98
88) Benzo(k)fluoranthene	15.14	252	557921	39.721	ng		99
89) Benzo(a)pyrene	15.50	252	546737	41.046	ng		98
90) Dibenzo(a,h)anthracene	17.11	278	473010	45.956	ng		97
91) Benzo(g,h,i)perylene	17.57	276	483173	48.032	ng		98

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

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