Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100472.D
Acq On : 12 Nov 2017 6:36
Operator : SJ/JU
Sample : PB104195BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB104195BS

Manual Integrations APPROVED
SOHIL
11/13/2017 4:54:02 PM

Quant Time: Nov 13 06:01:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	132321	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	514358	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	217466	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	344959	20.00	ng		0.00
75) Chrysene-d12	14.06	240	263972	20.00	ng		0.00
86) Perylene-d12	15.54	264	198298	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	527214	63.87	ng		0.00
7) Phenol-d6	6.52	99	648715	63.73	ng		0.00
23) Nitrobenzene-d5	7.46	82	572827	73.63	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	127915	57.72	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1035317	72.49	ng		0.00
78) Terphenyl-d14	13.01	244	693341	60.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	107330	26.681	ng		94
3) Pyridine	3.54	79	303739	27.675	ng		97
4) n-Nitrosodimethylamine	3.49	42	143339	26.900	ng		98
6) Aniline	6.56	93	82422	5.731	ng		96
8) 2-Chlorophenol	6.69	128	281822	32.272	ng		99
9) Benzaldehyde	6.45	77	139369	19.172	ng		98
10) Phenol	6.54	94	334646	31.317	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	269547	30.031	ng		95
12) 1,3-Dichlorobenzene	6.85	146	310569	30.847	ng		97
13) 1,4-Dichlorobenzene	6.92	146	312557	30.673	ng		96
14) 1,2-Dichlorobenzene	7.07	146	291587	30.949	ng		96
15) Benzyl Alcohol	7.04	79	236452	29.764	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	485468	33.817	ng		98
17) 2-Methylphenol	7.15	107	238116	31.908	ng		98
18) Hexachloroethane	7.42	117	86264	25.675	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	195595	27.708	ng		94
20) 3+4-Methylphenols	7.30	107	290411	30.753	ng		92
22) Acetophenone	7.31	105	373506	29.779	ng	#	97
24) Nitrobenzene	7.48	77	294020	36.718	ng		97
25) Isophorone	7.72	82	531455	32.507	ng		100
26) 2-Nitrophenol	7.80	139	113679	32.265	ng		99
27) 2,4-Dimethylphenol	7.83	122	259751	35.442	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	342636	32.040	ng		99
29) 2,4-Dichlorophenol	8.04	162	232414	33.219	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	241920	31.966	ng		98
31) Naphthalene	8.21	128	782093	31.569	ng		100
32) Benzoic acid	7.90	122	94479m	22.919	ng		
33) 4-Chloroaniline	8.25	127	47952	4.650	ng		97
34) Hexachlorobutadiene	8.32	225	141321	31.406	ng		99
35) Caprolactam	8.62	113	65438m	27.254	ng		
36) 4-Chloro-3-methylphenol	8.73	107	234252	31.174	ng		100
37) 2-Methylnaphthalene	8.90	142	515161	31.321	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	235618	32.669	ng	#	97
40) Hexachlorocyclopentadiene	9.05	237	45821	13.499	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	150882	33.008	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	152588	32.219	ng		95
45) 1,1'-Biphenyl	9.36	154	609137	32.386	ng		98
46) 2-Chloronaphthalene	9.39	162	461060	33.790	ng		98
47) 2-Nitroaniline	9.48	65	148520	37.484	ng		95
48) Acenaphthylene	9.80	152	704833	31.170	ng		99
49) Dimethylphthalate	9.66	163	559709	33.710	ng		100
50) 2,6-Dinitrotoluene	9.72	165	112298	34.168	ng		90
51) Acenaphthene	9.97	154	411600	29.929	ng		99
52) 3-Nitroaniline	9.89	138	62756	16.170	ng		99
53) 2,4-Dinitrophenol	9.99	184	9970	16.864	ng	#	18
54) Dibenzofuran	10.15	168	601876	31.225	ng		99
55) 4-Nitrophenol	10.04	139	157126	49.860	ng		95
56) 2,4-Dinitrotoluene	10.12	165	134709	32.490	ng	#	94
57) Fluorene	10.49	166	433043	30.668	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	111100	28.623	ng	#	87
59) Diethylphthalate	10.36	149	530518	31.929	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	223239	32.228	ng		91
61) 4-Nitroaniline	10.50	138	106203	28.859	ng		94
62) Azobenzene	10.64	77	467886	29.898	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	9500	13.050	ng		82
65) n-Nitrosodiphenylamine	10.60	169	423522	35.310	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	137262	37.119	ng	#	88
67) Hexachlorobenzene	11.03	284	130018	33.617	ng		92
68) Atrazine	11.12	200	132281	36.433	ng		98
69) Pentachlorophenol	11.23	266	117280	42.289	ng		98
70) Phenanthrene	11.45	178	584802	32.198	ng		99
71) Anthracene	11.50	178	592841	32.173	ng		99
72) Carbazole	11.66	167	526834	30.986	ng		99
73) Di-n-butylphthalate	11.98	149	727381	36.557	ng		99
74) Fluoranthene	12.64	202	576121	29.930	ng		97
76) Benzidine	12.76	184	233989	22.134	ng		99
77) Pyrene	12.87	202	588153	31.257	ng		99
79) Butylbenzylphthalate	13.48	149	257574	33.565	ng		97
80) Benzo(a)anthracene	14.06	228	520605	32.750	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	77994	13.694	ng	#	98
82) Chrysene	14.09	228	494942	32.153	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	369342	36.594	ng		99
84) Di-n-octyl phthalate	14.65	149	623173	35.941	ng		100
85) Indeno(1,2,3-cd)pyrene	17.04	276	336208	27.003	ng		96
87) Benzo(b)fluoranthene	15.11	252	419217	35.684	ng		99
88) Benzo(k)fluoranthene	15.14	252	370364	33.365	ng		97
89) Benzo(a)pyrene	15.49	252	347346	33.350	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	282837	33.206	ng		97
91) Benzo(g,h,i)perylene	17.50	276	276033	33.106	ng		94

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

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