Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097690.D
Acq On : 15 Aug 2017 14:49
Operator : SJ/JU
Sample : PB101481BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB101481BS

Manual Integrations APPROVED
Sohil
8/16/2017 6:45:16 PM

Quant Time: Aug 16 04:01:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	125948	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	513724	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	239326	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	473545	20.00	ng		0.00
75) Chrysene-d12	13.94	240	355495	20.00	ng		0.00
86) Perylene-d12	15.36	264	278273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	999816	120.75	ng		0.01
7) Phenol-d6	6.42	99	1353604	120.32	ng		0.00
23) Nitrobenzene-d5	7.35	82	822921	87.02	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	269181	129.63	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1252121	76.87	ng		0.00
78) Terphenyl-d14	12.89	244	1178984	69.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	155375	33.647	ng		92
3) Pyridine	3.27	79	445258	34.879	ng		88
4) n-Nitrosodimethylamine	3.22	42	183896	37.438	ng		89
6) Aniline	6.45	93	311028	19.680	ng		98
8) 2-Chlorophenol	6.57	128	333615	38.204	ng		98
9) Benzaldehyde	6.33	77	132127	18.541	ng		86
10) Phenol	6.43	94	486556	36.978	ng		91
11) bis(2-Chloroethyl)ether	6.52	93	368360	37.091	ng		97
12) 1,3-Dichlorobenzene	6.72	146	331605	35.304	ng	#	91
13) 1,4-Dichlorobenzene	6.80	146	339500m	35.538	ng		
14) 1,2-Dichlorobenzene	6.96	146	317487	36.043	ng		98
15) Benzyl Alcohol	6.92	79	345659	41.037	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	501557	37.536	ng		92
17) 2-Methylphenol	7.03	107	309685	40.243	ng		96
18) Hexachloroethane	7.30	117	136122	36.344	ng	#	83
19) n-Nitroso-di-n-propylamine	7.20	70	281134	36.504	ng		91
20) 3+4-Methylphenols	7.19	107	370892	39.461	ng		94
22) Acetophenone	7.19	105	498081	36.701	ng	#	91
24) Nitrobenzene	7.36	77	427102	40.563	ng		91
25) Isophorone	7.60	82	776041	39.466	ng		96
26) 2-Nitrophenol	7.68	139	153010	40.975	ng	#	73
27) 2,4-Dimethylphenol	7.72	122	311729	38.012	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	476333	36.846	ng		99
29) 2,4-Dichlorophenol	7.92	162	266239	39.110	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	267364	35.429	ng		99
31) Naphthalene	8.09	128	952492	35.714	ng		99
32) Benzoic acid	7.84	122	210234	36.895	ng		87
33) 4-Chloroaniline	8.13	127	103715	9.221	ng		98
34) Hexachlorobutadiene	8.21	225	152175	34.537	ng		98
35) Caprolactam	8.50	113	98249m	42.454	ng		
36) 4-Chloro-3-methylphenol	8.62	107	336345	38.456	ng	#	78
37) 2-Methylnaphthalene	8.78	142	622921	38.096	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	241763	32.916	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	313550	88.861	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	181149	36.736	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	189912	38.821	ng		96
45) 1,1'-Biphenyl	9.25	154	747166	34.236	ng		96
46) 2-Chloronaphthalene	9.27	162	551884	34.224	ng	#	92
47) 2-Nitroaniline	9.36	65	213244	39.446	ng		96
48) Acenaphthylene	9.68	152	920431	36.348	ng		99
49) Dimethylphthalate	9.55	163	659123	37.677	ng		99
50) 2,6-Dinitrotoluene	9.60	165	141797	40.607	ng	#	50
51) Acenaphthene	9.86	154	614513	38.478	ng		97
52) 3-Nitroaniline	9.77	138	84297	18.711	ng		82
53) 2,4-Dinitrophenol	9.87	184	127766	77.308	ng	#	75
54) Dibenzofuran	10.03	168	822297	38.417	ng		100
55) 4-Nitrophenol	9.93	139	276851	77.032	ng	#	45
56) 2,4-Dinitrotoluene	10.01	165	189346	43.207	ng	#	57
57) Fluorene	10.37	166	595107	35.961	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	165659	43.738	ng		94
59) Diethylphthalate	10.25	149	703542	38.457	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	273781	35.611	ng		91
61) 4-Nitroaniline	10.39	138	165278	38.598	ng	#	66
62) Azobenzene	10.52	77	865934	39.848	ng		92
64) 4,6-Dinitro-2-methylphenol	10.41	198	83705	39.329	ng		95
65) n-Nitrosodiphenylamine	10.48	169	562683	34.894	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	175826	35.755	ng		99
67) Hexachlorobenzene	10.92	284	170516	34.020	ng	#	92
68) Atrazine	11.01	200	177855	41.589	ng		96
69) Pentachlorophenol	11.10	266	216033	73.923	ng		98
70) Phenanthrene	11.33	178	914848	36.255	ng		99
71) Anthracene	11.38	178	935372	36.547	ng		99
72) Carbazole	11.53	167	901281	37.099	ng		98
73) Di-n-butylphthalate	11.87	149	1108311	39.606	ng		99
74) Fluoranthene	12.52	202	992556	37.685	ng		98
76) Benzidine	12.63	184	320048	27.458	ng		94
77) Pyrene	12.74	202	1033427	35.543	ng		100
79) Butylbenzylphthalate	13.37	149	473765	42.499	ng	#	68
80) Benzo(a)anthracene	13.93	228	791727	37.159	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	129418	18.001	ng	#	97
82) Chrysene	13.97	228	783224	36.954	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	566908	45.893	ng	#	100
84) Di-n-octyl phthalate	14.54	149	1065921	49.593	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	579904	37.193	ng		94
87) Benzo(b)fluoranthene	14.96	252	649452	37.026	ng		100
88) Benzo(k)fluoranthene	14.99	252	641653	38.937	ng	#	95
89) Benzo(a)pyrene	15.31	252	600265	38.657	ng		98
90) Dibenzo(a,h)anthracene	16.79	278	466420	36.895	ng		98
91) Benzo(g,h,i)perylene	17.19	276	487968	36.994	ng		95

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

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