Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082179.D
Acq On : 10 Oct 2015 16:36
Operator : UM/IZ
Sample : PB86017BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86017BSD

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:33:12 PM

Quant Time: Oct 12 02:32:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	80486	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	329011	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	166930	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	312731	20.00	ng		0.00
75) Chrysene-d12	14.01	240	287309	20.00	ng		0.00
86) Perylene-d12	15.44	264	239591	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	514297	128.96	ng		0.01
7) Phenol-d6	6.48	99	713797	137.54	ng		0.00
23) Nitrobenzene-d5	7.41	82	433904	88.56	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	197673	126.27	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	942356	93.62	ng		0.00
78) Terphenyl-d14	12.96	244	1025008	94.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	68937	34.40	ng		97
3) Pyridine	3.21	79	191756	41.15	ng		100
4) n-Nitrosodimethylamine	3.18	42	78898	39.92	ng		97
6) Aniline	6.50	93	184806	27.62	ng		96
8) 2-Chlorophenol	6.63	128	213543	43.86	ng		99
9) Benzaldehyde	6.39	77	86053	32.47	ng		93
10) Phenol	6.49	94	282174	47.16	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	225252	44.52	ng		96
12) 1,3-Dichlorobenzene	6.78	146	242325	42.74	ng		99
13) 1,4-Dichlorobenzene	6.86	146	251165	42.42	ng		100
14) 1,2-Dichlorobenzene	7.01	146	232350	41.33	ng		97
15) Benzyl Alcohol	6.98	79	158936	44.36	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	296353	42.06	ng		99
17) 2-Methylphenol	7.10	107	168056	43.65	ng		100
18) Hexachloroethane	7.35	117	86561	42.71	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	144757	39.72	ng	#	88
20) 3+4-Methylphenols	7.26	107	212489	46.32	ng		94
22) Acetophenone	7.26	105	284664	43.74	ng	#	96
24) Nitrobenzene	7.43	77	223018	42.05	ng		94
25) Isophorone	7.67	82	417722	42.24	ng		98
26) 2-Nitrophenol	7.75	139	119347	45.07	ng		93
27) 2,4-Dimethylphenol	7.78	122	192343	45.09	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	248320	43.16	ng		99
29) 2,4-Dichlorophenol	7.99	162	203418	47.70	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	207974	42.31	ng		99
31) Naphthalene	8.15	128	638143	44.74	ng		100
32) Benzoic acid	7.92	122	125098	43.69	ng		98
33) 4-Chloroaniline	8.21	127	92484	15.61	ng		96
34) Hexachlorobutadiene	8.26	225	131848	43.05	ng		97
35) Caprolactam	8.57	113	56800m	45.89	ng		
36) 4-Chloro-3-methylphenol	8.69	107	193180	46.32	ng		99
37) 2-Methylnaphthalene	8.85	142	437619	44.26	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	209922	42.28	ng		98
40) Hexachlorocyclopentadiene	8.99	237	228532	89.82	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	137369	41.65	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	161891	45.32	ng		98
45) 1,1'-Biphenyl	9.30	154	514875	40.45	ng		98
46) 2-Chloronaphthalene	9.33	162	422596	42.17	ng	#	92
47) 2-Nitroaniline	9.43	65	116035	42.18	ng		99
48) Acenaphthylene	9.75	152	689058	44.14	ng		99
49) Dimethylphthalate	9.61	163	499728	42.51	ng		100
50) 2,6-Dinitrotoluene	9.68	165	115960	46.75	ng	#	85
51) Acenaphthene	9.92	154	403848	43.09	ng		99
52) 3-Nitroaniline	9.85	138	56579	20.20	ng		95
53) 2,4-Dinitrophenol	9.95	184	125590	89.77	ng	#	90
54) Dibenzofuran	10.09	168	601226	46.73	ng		99
55) 4-Nitrophenol	10.01	139	141997	75.17	ng		86
56) 2,4-Dinitrotoluene	10.08	165	144155	46.50	ng		98
57) Fluorene	10.43	166	480420	45.46	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	126337	43.28	ng		99
59) Diethylphthalate	10.31	149	476190	43.46	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	211954	43.79	ng		97
61) 4-Nitroaniline	10.47	138	114095	41.99	ng		96
62) Azobenzene	10.58	77	475622	44.35	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	84236	48.00	ng		89
65) n-Nitrosodiphenylamine	10.55	169	418620	44.71	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	140387	44.86	ng		97
67) Hexachlorobenzene	10.98	284	149397	44.14	ng		98
68) Atrazine	11.07	200	119156	40.17	ng		98
69) Pentachlorophenol	11.18	266	172488	99.03	ng		97
70) Phenanthrene	11.39	178	675717	44.08	ng		100
71) Anthracene	11.45	178	747070	47.30	ng		100
72) Carbazole	11.60	167	626257	43.46	ng		100
73) Di-n-butylphthalate	11.93	149	801217	45.07	ng		100
74) Fluoranthene	12.58	202	760943	46.22	ng		100
76) Benzidine	12.71	184	162473	19.51	ng		99
77) Pyrene	12.81	202	766844	44.97	ng		99
79) Butylbenzylphthalate	13.43	149	338344	43.48	ng		99
80) Benzo(a)anthracene	14.00	228	681038	45.56	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	178728	31.50	ng		99
82) Chrysene	14.04	228	597182	37.91	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	496290	44.71	ng		99
84) Di-n-octyl phthalate	14.60	149	800437	41.98	ng		100
85) Indeno(1,2,3-cd)pyrene	16.86	276	562062	44.89	ng		99
87) Benzo(b)fluoranthene	15.03	252	745908m	51.17	ng		
88) Benzo(k)fluoranthene	15.06	252	468408m	38.23	ng		
89) Benzo(a)pyrene	15.38	252	574785	45.88	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	472192	46.00	ng		99
91) Benzo(g,h,i)perylene	17.28	276	453075	45.43	ng		99

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

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