Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
Data File : BF089824.D
Acq On : 23 Aug 2016 10:32
Operator : UM/SJ
Sample : H4547-01MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MSD

Manual Integrations APPROVED
UMANGI
8/25/2016 5:22:04 PM

Quant Time: Aug 25 13:26:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	504940	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	1970224	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	956517	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1815288	20.00	ng		0.00
75) Chrysene-d12	13.92	240	1539357	20.00	ng		0.05
86) Perylene-d12	15.51	264	1451142	20.00	ng		0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	2722836	92.47	ng		-0.01
7) Phenol-d6	6.31	99	3408063	94.29	ng		-0.01
23) Nitrobenzene-d5	7.23	82	2081311	65.63	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	946993	104.18	ng		-0.01
44) 2-Fluorobiphenyl	9.04	172	3512853	64.55	ng		-0.01
78) Terphenyl-d14	12.79	244	3281715	48.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	426827	29.29	ng		98
3) Pyridine	2.81	79	1244736	32.57	ng		95
4) n-Nitrosodimethylamine	2.78	42	486229	34.17	ng	#	71
6) Aniline	6.33	93	1094117	22.57	ng		96
8) 2-Chlorophenol	6.44	128	1162782	33.02	ng		100
9) Benzaldehyde	6.20	77	323840	13.75	ng		89
10) Phenol	6.32	94	1338566	31.60	ng		98
11) bis(2-Chloroethyl)ether	6.41	93	1196726	36.43	ng		99
12) 1,3-Dichlorobenzene	6.60	146	1197664	32.54	ng		98
13) 1,4-Dichlorobenzene	6.68	146	1263621	33.39	ng		99
14) 1,2-Dichlorobenzene	6.84	146	1183544	33.51	ng		98
15) Benzyl Alcohol	6.81	79	940453	39.24	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1307228	31.09	ng		92
17) 2-Methylphenol	6.94	107	1027218	37.25	ng		96
18) Hexachloroethane	7.19	117	491714m	36.44	ng		
19) n-Nitroso-di-n-propylamine	7.10	70	844494	36.53	ng		88
20) 3+4-Methylphenols	7.08	107	1259286	37.24	ng		98
22) Acetophenone	7.08	105	1695070	37.47	ng	#	89
24) Nitrobenzene	7.26	77	1408585	39.59	ng		92
25) Isophorone	7.50	82	2185478	34.17	ng		98
26) 2-Nitrophenol	7.58	139	708131	39.89	ng		98
27) 2,4-Dimethylphenol	7.62	122	1191211	37.23	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	1458400	36.85	ng	#	96
29) 2,4-Dichlorophenol	7.82	162	1063663	39.62	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	1006479	33.89	ng		99
31) Naphthalene	7.98	128	4732622	51.40	ng		96
32) Benzoic acid	7.70	122	149392	5.99	ng	#	84
33) 4-Chloroaniline	8.03	127	607364	15.22	ng		98
34) Hexachlorobutadiene	8.10	225	502216	32.30	ng		99
35) Caprolactam	8.39	113	300302	36.73	ng		90
36) 4-Chloro-3-methylphenol	8.52	107	1099228	37.81	ng		92
37) 2-Methylnaphthalene	8.67	142	3128648	52.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	725933	23.44	ng		97
40) Hexachlorocyclopentadiene	8.83	237	980591	91.19	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	714470	36.66	ng		98
43) 2,4,5-Trichlorophenol	8.99	196	714027	36.84	ng	#	93
45) 1,1'-Biphenyl	9.13	154	2306761	31.16	ng		99
46) 2-Chloronaphthalene	9.15	162	1989501	34.00	ng		98
47) 2-Nitroaniline	9.26	65	695791	41.69	ng	#	67
48) Acenaphthylene	9.56	152	3066654	34.88	ng		100
49) Dimethylphthalate	9.45	163	3880071	57.61	ng	#	99
50) 2,6-Dinitrotoluene	9.50	165	520062	33.45	ng	#	86
51) Acenaphthene	9.74	154	2138488	36.75	ng		100
52) 3-Nitroaniline	9.66	138	376120	21.83	ng		97
53) 2,4-Dinitrophenol	9.77	184	341789	46.18	ng	#	66
54) Dibenzofuran	9.92	168	2970503	40.64	ng	#	88
55) 4-Nitrophenol	9.83	139	955628	67.96	ng		91
56) 2,4-Dinitrotoluene	9.90	165	695366	34.47	ng	#	66
57) Fluorene	10.25	166	2104107	36.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	614375	43.56	ng	#	97
59) Diethylphthalate	10.15	149	2489140	36.38	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	903037	33.99	ng		95
61) 4-Nitroaniline	10.27	138	568890	35.22	ng		98
62) Azobenzene	10.41	77	2487751	38.68	ng		95
64) 4,6-Dinitro-2-methylphenol	10.31	198	354583	33.99	ng	#	55
65) n-Nitrosodiphenylamine	10.38	169	2162033	37.88	ng		100
66) 4-Bromophenyl-phenylether	10.74	248	672736	35.35	ng	#	86
67) Hexachlorobenzene	10.80	284	707514	32.59	ng	#	87
68) Atrazine	10.90	200	579407	33.15	ng		97
69) Pentachlorophenol	10.99	266	812746	66.04	ng		98
70) Phenanthrene	11.21	178	3277890	35.75	ng		96
71) Anthracene	11.26	178	3264723	35.03	ng		99
72) Carbazole	11.42	167	3003962	35.94	ng		97
73) Di-n-butylphthalate	11.77	149	3944502	37.71	ng		98
74) Fluoranthene	12.41	202	3365049	38.59	ng		95
76) Benzidine	12.53	184	1459968	29.31	ng		97
77) Pyrene	12.63	202	3172958	25.31	ng		95
79) Butylbenzylphthalate	13.30	149	1732582	30.60	ng	#	85
80) Benzo(a)anthracene	13.91	228	3010912	34.15	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	800556	27.70	ng		98
82) Chrysene	13.95	228	2656623	35.15	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	2274915	29.17	ng	#	100
84) Di-n-octyl phthalate	14.67	149	4170020	40.24	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.81	276	2537004	26.31	ng		99
87) Benzo(b)fluoranthene	15.10	252	3117996	39.06	ng	#	94
88) Benzo(k)fluoranthene	15.12	252	2516778m	34.75	ng		
89) Benzo(a)pyrene	15.45	252	2710645	35.87	ng	#	94
90) Dibenzo(a,h)anthracene	16.83	278	2139236	26.08	ng		98
91) Benzo(g,h,i)perylene	17.19	276	2049744	23.73	ng		99

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

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