Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
Data File : BF089816.D
Acq On : 20 Aug 2016 00:26
Operator : UM/SJ
Sample : H4518-11MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A-2(8-15)MSD

Manual Integrations APPROVED
sohil
8/22/2016 3:48:36 PM

Quant Time: Aug 22 02:33:08 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	6.68	152	571600	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2132512	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	913119	20.00	ng		0.01
63) Phenanthrene-d10	11.19	188	1466547	20.00	ng		0.00
75) Chrysene-d12	13.84	240	949982	20.00	ng		-0.03
86) Perylene-d12	15.29	264	1190961	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	3859937	115.80	ng		0.02
7) Phenol-d6	6.33	99	4867256	118.96	ng		0.01
23) Nitrobenzene-d5	7.26	82	2478916	72.22	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	939470	108.26	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	3284534	63.22	ng		0.00
78) Terphenyl-d14	12.78	244	2065446	49.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	640334	38.82	ng		97
3) Pyridine	2.88	79	1831632	42.34	ng		95
4) n-Nitrosodimethylamine	2.84	42	709898	44.07	ng	#	76
6) Aniline	6.39	93	1163418	21.20	ng		94
8) 2-Chlorophenol	6.47	128	1610138	40.40	ng		93
9) Benzaldehyde	6.23	77	446497m	16.75	ng		
10) Phenol	6.34	94	1845504	38.48	ng		93
11) bis(2-Chloroethyl)ether	6.43	93	1827708	49.15	ng		94
12) 1,3-Dichlorobenzene	6.63	146	1869352m	44.86	ng		
13) 1,4-Dichlorobenzene	6.71	146	1878448	43.85	ng		93
14) 1,2-Dichlorobenzene	6.86	146	1704812	42.64	ng		96
15) Benzyl Alcohol	6.83	79	1173606	43.25	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	2051592	43.11	ng		90
17) 2-Methylphenol	6.96	107	1463354	46.87	ng		94
18) Hexachloroethane	7.20	117	612197	40.07	ng	#	89
19) n-Nitroso-di-n-propylamine	7.12	70	1238025	47.31	ng	#	86
20) 3+4-Methylphenols	7.11	107	1864571	48.71	ng	#	73
22) Acetophenone	7.11	105	2064843	42.17	ng	#	90
24) Nitrobenzene	7.28	77	1685642	43.77	ng	#	75
25) Isophorone	7.52	82	3142563	45.39	ng	#	92
26) 2-Nitrophenol	7.59	139	795925	41.42	ng	#	80
27) 2,4-Dimethylphenol	7.64	122	1483591	42.84	ng		95
28) bis(2-Chloroethoxy)methane	7.74	93	2154733	50.30	ng		97
29) 2,4-Dichlorophenol	7.84	162	1327952	45.70	ng		95
30) 1,2,4-Trichlorobenzene	7.92	180	1482450	46.12	ng		96
31) Naphthalene	8.00	128	4501995	45.17	ng		100
32) Benzoic acid	7.70	122	86051	3.19	ng		98
33) 4-Chloroaniline	8.04	127	605618	14.02	ng	#	92
34) Hexachlorobutadiene	8.12	225	730156	43.38	ng		97
35) Caprolactam	8.41	113	380211	42.97	ng		98
36) 4-Chloro-3-methylphenol	8.54	107	1314159	41.76	ng		95
37) 2-Methylnaphthalene	8.68	142	2971793	46.09	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	1060544	35.87	ng	#	97
40) Hexachlorocyclopentadiene	8.84	237	491846	47.91	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	834392	44.85	ng		97
43) 2,4,5-Trichlorophenol	9.00	196	914650	49.44	ng		99
45) 1,1'-Biphenyl	9.15	154	3100185	43.87	ng		95
46) 2-Chloronaphthalene	9.16	162	2515028	45.02	ng		99
47) 2-Nitroaniline	9.27	65	908390	57.02	ng	#	80
48) Acenaphthylene	9.58	152	3897021	46.43	ng		98
49) Dimethylphthalate	9.46	163	4425688	68.84	ng	#	98
50) 2,6-Dinitrotoluene	9.51	165	636463	42.88	ng	#	87
51) Acenaphthene	9.75	154	2467117	44.41	ng		99
52) 3-Nitroaniline	9.67	138	453079	27.55	ng		98
53) 2,4-Dinitrophenol	9.77	184	36156	8.56	ng		85
54) Dibenzofuran	9.92	168	3548690	50.86	ng		98
55) 4-Nitrophenol	9.84	139	956996	71.29	ng		90
56) 2,4-Dinitrotoluene	9.91	165	792737	41.16	ng	#	68
57) Fluorene	10.26	166	2420466	43.53	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	687436	51.05	ng	#	97
59) Diethylphthalate	10.16	149	3186346	48.79	ng		96
60) 4-Chlorophenyl-phenylether	10.26	204	1075397	42.40	ng		94
61) 4-Nitroaniline	10.28	138	699328	45.36	ng		98
62) Azobenzene	10.42	77	3037766	49.47	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	74538	8.84	ng		88
65) n-Nitrosodiphenylamine	10.39	169	2565385	55.63	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	799103	51.97	ng	#	89
67) Hexachlorobenzene	10.81	284	824274	46.99	ng	#	88
68) Atrazine	10.91	200	641069	45.39	ng		97
69) Pentachlorophenol	11.01	266	805711	81.04	ng		99
70) Phenanthrene	11.22	178	3779523	51.03	ng		97
71) Anthracene	11.27	178	3315538	44.03	ng		98
72) Carbazole	11.43	167	3345734	49.54	ng		97
73) Di-n-butylphthalate	11.78	149	4306414	50.97	ng	#	98
74) Fluoranthene	12.40	202	2832160	40.20	ng		93
76) Benzidine	12.53	184	1392185	45.28	ng		98
77) Pyrene	12.63	202	3234336	41.81	ng		97
79) Butylbenzylphthalate	13.27	149	1500708	42.95	ng		92
80) Benzo(a)anthracene	13.83	228	2579403	47.41	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	799872	44.85	ng	#	95
82) Chrysene	13.87	228	2491878	53.43	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	2061260	42.83	ng		97
84) Di-n-octyl phthalate	14.51	149	3468353	54.23	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.58	276	3201391	53.80	ng		99
87) Benzo(b)fluoranthene	14.91	252	3148488m	48.06	ng		
88) Benzo(k)fluoranthene	14.94	252	2289791m	38.52	ng		
89) Benzo(a)pyrene	15.23	252	2745349	44.27	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	2693772	40.02	ng		97
91) Benzo(g,h,i)perylene	16.96	276	2571804	36.28	ng		99

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

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