Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086044.D
Acq On : 4 Apr 2016 18:04
Operator : UM/SJ
Sample : H2180-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-1-20160401MSD

Manual Integrations APPROVED
Sohil
4/5/2016 6:39:06 PM

Quant Time: Apr 05 11:20:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	102083	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	384557	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	162268	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	254984	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	193460	20.00	ng		0.00
86) Perylene-d12	15.32	264	181876	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	811336	135.85	ng		0.00
7) Phenol-d6	6.42	99	988313	130.28	ng		0.00
23) Nitrobenzene-d5	7.33	82	616046	94.47	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	185296	121.66	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	955791	97.94	ng		-0.01
78) Terphenyl-d14	12.87	244	620279	75.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	110216	38.93	ng		98
3) Pyridine	3.02	79	294897	46.52	ng		99
4) n-Nitrosodimethylamine	2.97	42	143621	51.53	ng		97
6) Aniline	6.44	93	80710m	8.11	ng		
8) 2-Chlorophenol	6.56	128	320610	45.01	ng		99
9) Benzaldehyde	6.32	77	130604	32.00	ng		88
10) Phenol	6.43	94	378784	43.77	ng		99
11) bis(2-Chloroethyl)ether	6.50	93	478487m	69.83	ng		
12) 1,3-Dichlorobenzene	6.70	146	339150m	44.93	ng		
13) 1,4-Dichlorobenzene	6.78	146	340439	43.77	ng		93
14) 1,2-Dichlorobenzene	6.93	146	318300	44.47	ng		97
15) Benzyl Alcohol	6.92	79	244269	49.77	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	350793	41.91	ng		61
17) 2-Methylphenol	7.04	107	262773	46.79	ng		94
18) Hexachloroethane	7.28	117	118535	41.44	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	203466	43.27	ng	#	92
20) 3+4-Methylphenols	7.20	107	325626	47.68	ng	#	62
22) Acetophenone	7.18	105	448769	49.64	ng	#	89
24) Nitrobenzene	7.36	77	351985	49.34	ng		93
25) Isophorone	7.60	82	608230	47.25	ng		95
26) 2-Nitrophenol	7.68	139	161606	47.35	ng	#	90
27) 2,4-Dimethylphenol	7.72	122	305153	49.78	ng		94
28) bis(2-Chloroethoxy)methane	7.80	93	360029	47.67	ng	#	98
29) 2,4-Dichlorophenol	7.92	162	247396	47.73	ng		94
30) 1,2,4-Trichlorobenzene	8.00	180	276026	47.45	ng		95
31) Naphthalene	8.08	128	932541	48.21	ng		99
32) Benzoic acid	7.81	122	12436	2.77	ng		95
33) 4-Chloroaniline	8.14	127	149956	19.19	ng		98
34) Hexachlorobutadiene	8.19	225	143718	45.95	ng		98
35) Caprolactam	8.50	113	77625	47.21	ng		95
36) 4-Chloro-3-methylphenol	8.62	107	266391	45.72	ng		96
37) 2-Methylnaphthalene	8.76	142	564601	44.68	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	235189	48.22	ng		99
40) Hexachlorocyclopentadiene	8.91	237	56993	41.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	160925	51.38	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	162331	51.05	ng	#	88
45) 1,1'-Biphenyl	9.23	154	667118	47.68	ng		94
46) 2-Chloronaphthalene	9.25	162	507146	50.00	ng		97
47) 2-Nitroaniline	9.36	65	161125	54.30	ng		96
48) Acenaphthylene	9.66	152	810915	49.91	ng		99
49) Dimethylphthalate	9.53	163	675060	56.13	ng		99
50) 2,6-Dinitrotoluene	9.60	165	117714	46.26	ng		95
51) Acenaphthene	9.84	154	460498	47.66	ng		99
52) 3-Nitroaniline	9.77	138	106399	34.69	ng		96
53) 2,4-Dinitrophenol	9.88	184	23937	23.21	ng		97
54) Dibenzofuran	10.01	168	636692	49.89	ng		99
55) 4-Nitrophenol	9.95	139	154932	85.69	ng		87
56) 2,4-Dinitrotoluene	10.01	165	138482	43.07	ng	#	74
57) Fluorene	10.35	166	498048	45.69	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	113645	48.00	ng		98
59) Diethylphthalate	10.22	149	533930	43.98	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	215893	42.52	ng		94
61) 4-Nitroaniline	10.38	138	113321	37.52	ng		95
62) Azobenzene	10.50	77	556622	47.87	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	30948	20.03	ng	#	64
65) n-Nitrosodiphenylamine	10.46	169	441028	55.31	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	139439	53.56	ng		100
67) Hexachlorobenzene	10.90	284	133150	49.46	ng	#	91
68) Atrazine	10.99	200	120386	46.72	ng		95
69) Pentachlorophenol	11.09	266	120481	95.49	ng		99
70) Phenanthrene	11.31	178	795888	57.21	ng		100
71) Anthracene	11.36	178	660532	45.33	ng		99
72) Carbazole	11.52	167	548897	43.82	ng		99
73) Di-n-butylphthalate	11.85	149	738615	47.59	ng		100
74) Fluoranthene	12.50	202	850462	58.78	ng		93
77) Pyrene	12.73	202	823762	60.42	ng		100
79) Butylbenzylphthalate	13.35	149	273876	44.62	ng	#	77
80) Benzo(a)anthracene	13.92	228	628804	55.14	ng		98
81) 3,3'-Dichlorobenzidine	13.87	252	44464	5.34	ng	#	95
82) Chrysene	13.95	228	621158	56.55	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	413183	50.71	ng	#	94
84) Di-n-octyl phthalate	14.51	149	690449	53.07	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	504630	56.62	ng		99
87) Benzo(b)fluoranthene	14.93	252	657199m	57.44	ng		
88) Benzo(k)fluoranthene	14.96	252	511166m	50.45	ng		
89) Benzo(a)pyrene	15.28	252	563857	55.62	ng		97
90) Dibenzo(a,h)anthracene	16.69	278	385014	47.21	ng		97
91) Benzo(g,h,i)perylene	17.09	276	408847	51.80	ng		98

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

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