Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081074.D
Acq On : 19 Aug 2015 9:02
Operator : UM/IZ
Sample : G3282-08MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB04-4.0-5.0-081115MS

Manual Integrations APPROVED
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8/19/2015 2:19:07 PM

Quant Time: Aug 19 13:02:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	60190	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	254415	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	115471	20.00	ng		-0.02
63) Phenanthrene-d10	11.11	188	233882	20.00	ng		-0.02
75) Chrysene-d12	13.73	240	140882	20.00	ng		-0.02
86) Perylene-d12	15.07	264	130163	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	477054	119.21	ng		0.00
7) Phenol-d6	6.26	99	615652	117.91	ng		0.00
23) Nitrobenzene-d5	7.18	82	383887	68.93	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	105474	105.37	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	555871	63.08	ng		-0.02
78) Terphenyl-d14	12.70	244	598811	91.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	54478	28.89	ng		94
3) Pyridine	2.68	79	180877	33.98	ng		88
4) n-Nitrosodimethylamine	2.64	42	102913	34.73	ng	#	79
6) Aniline	6.27	93	177420	23.37	ng	#	1
8) 2-Chlorophenol	6.39	128	155913	35.59	ng		94
9) Benzaldehyde	6.15	77	113576	33.74	ng		91
10) Phenol	6.27	94	253685	41.14	ng		86
11) bis(2-Chloroethyl)ether	6.35	93	179175	37.87	ng		94
12) 1,3-Dichlorobenzene	6.55	146	169339	35.98	ng		97
13) 1,4-Dichlorobenzene	6.63	146	166394	35.70	ng		99
14) 1,2-Dichlorobenzene	6.78	146	156458	35.87	ng		97
15) Benzyl Alcohol	6.76	79	172883	40.92	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	336618	36.20	ng		100
17) 2-Methylphenol	6.88	107	134377	35.75	ng		95
18) Hexachloroethane	7.12	117	65752	34.92	ng		99
19) n-Nitroso-di-n-propylamine	7.04	70	133086	36.80	ng		90
20) 3+4-Methylphenols	7.04	107	176259	36.95	ng	#	49
22) Acetophenone	7.03	105	246961	36.97	ng	#	88
24) Nitrobenzene	7.20	77	220427	37.85	ng		100
25) Isophorone	7.44	82	350239	33.72	ng		98
26) 2-Nitrophenol	7.52	139	91001	37.58	ng	#	61
27) 2,4-Dimethylphenol	7.56	122	145146	33.88	ng		94
28) bis(2-Chloroethoxy)methane	7.66	93	209191	34.09	ng		99
29) 2,4-Dichlorophenol	7.76	162	140098	38.84	ng		92
30) 1,2,4-Trichlorobenzene	7.84	180	136851	34.14	ng		98
31) Naphthalene	7.92	128	514554	36.28	ng		99
32) Benzoic acid	7.64	122	18018	7.48	ng		97
33) 4-Chloroaniline	7.96	127	98003	16.38	ng		100
34) Hexachlorobutadiene	8.04	225	76457	33.73	ng		97
35) Caprolactam	8.34	113	47887m	37.99	ng		
36) 4-Chloro-3-methylphenol	8.47	107	173580	40.38	ng		94
37) 2-Methylnaphthalene	8.60	142	323771	36.14	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	136405	36.61	ng		98
40) Hexachlorocyclopentadiene	8.76	237	94090	48.79	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	96295	36.59	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	97733	37.15	ng	#	84
45) 1,1'-Biphenyl	9.07	154	408014	40.12	ng		99
46) 2-Chloronaphthalene	9.08	162	268885	32.91	ng	#	90
47) 2-Nitroaniline	9.19	65	109486	32.74	ng		98
48) Acenaphthylene	9.50	152	450272	30.81	ng		99
49) Dimethylphthalate	9.38	163	442380	46.52	ng		99
50) 2,6-Dinitrotoluene	9.44	165	80118	39.24	ng		88
51) Acenaphthene	9.67	154	275308	31.46	ng		99
52) 3-Nitroaniline	9.60	138	65567	25.66	ng		95
53) 2,4-Dinitrophenol	9.70	184	18639	21.21	ng		90
54) Dibenzofuran	9.84	168	376099	32.07	ng		90
55) 4-Nitrophenol	9.77	139	134738	75.08	ng	#	82
56) 2,4-Dinitrotoluene	9.84	165	109069	40.30	ng		95
57) Fluorene	10.18	166	303482	33.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	80850m	39.71	ng		
59) Diethylphthalate	10.08	149	386613	38.41	ng		96
60) 4-Chlorophenyl-phenylether	10.18	204	147744	38.71	ng		96
61) 4-Nitroaniline	10.22	138	89638	34.33	ng	#	79
62) Azobenzene	10.34	77	440537	37.98	ng		93
64) 4,6-Dinitro-2-methylphenol	10.24	198	29525	21.14	ng	#	77
65) n-Nitrosodiphenylamine	10.31	169	287226	34.40	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	76974	33.50	ng	#	60
67) Hexachlorobenzene	10.73	284	88090	37.86	ng	#	84
68) Atrazine	10.83	200	80807	34.74	ng		99
69) Pentachlorophenol	10.92	266	96767	69.31	ng		99
70) Phenanthrene	11.13	178	409425	29.54	ng		99
71) Anthracene	11.19	178	503914	37.36	ng		99
72) Carbazole	11.35	167	499713	38.48	ng		99
73) Di-n-butylphthalate	11.69	149	629253	40.04	ng		99
74) Fluoranthene	12.31	202	448559	29.99	ng		93
76) Benzidine	12.45	184	159984	30.06	ng		97
77) Pyrene	12.54	202	491760	42.94	ng		100
79) Butylbenzylphthalate	13.18	149	251612	51.11	ng		89
80) Benzo(a)anthracene	13.71	228	349574	37.00	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	100233	32.75	ng		98
82) Chrysene	13.76	228	329737	38.73	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	325968	51.69	ng	#	98
84) Di-n-octyl phthalate	14.34	149	488473	50.97	ng		96
85) Indeno(1,2,3-cd)pyrene	16.30	276	323754	54.16	ng	#	93
87) Benzo(b)fluoranthene	14.71	252	373136m	40.53	ng		
88) Benzo(k)fluoranthene	14.74	252	201836m	23.53	ng		
89) Benzo(a)pyrene	15.02	252	276929	34.52	ng	#	94
90) Dibenzo(a,h)anthracene	16.31	278	270945	43.34	ng	#	94
91) Benzo(g,h,i)perylene	16.66	276	266507	42.02	ng	#	91

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

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