Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086228.D
Acq On : 15 Apr 2016 20:44
Operator : UM/SJ
Sample : H2402-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H2402-04MSMS

Manual Integrations APPROVED
Sohil
4/18/2016 7:30:11 PM

Quant Time: Apr 16 01:21:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	278587	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1126964	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	512567	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	883701	20.00	ng		0.00
75) Chrysene-d12	14.05	240	472139	20.00	ng		0.00
86) Perylene-d12	15.48	264	454294	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1196115	70.35	ng		0.01
7) Phenol-d6	6.51	99	930285	43.74	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1898615	97.17	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	484976	117.83	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2590176	93.25	ng		0.00
78) Terphenyl-d14	13.00	244	1786659	95.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	167365	17.85	ng		96
3) Pyridine	3.31	79	357483	14.62	ng		94
4) n-Nitrosodimethylamine	3.22	42	190411	21.55	ng	#	68
6) Aniline	6.56	93	644273	21.02	ng		97
8) 2-Chlorophenol	6.68	128	745984	38.78	ng	#	77
9) Benzaldehyde	6.44	77	250350	16.59	ng		93
10) Phenol	6.52	94	394175	15.56	ng		93
11) bis(2-Chloroethyl)ether	6.62	93	868014	45.56	ng	#	82
12) 1,3-Dichlorobenzene	6.83	146	909355	44.55	ng		99
13) 1,4-Dichlorobenzene	6.91	146	871006	44.80	ng		98
14) 1,2-Dichlorobenzene	7.07	146	822152	47.64	ng		97
15) Benzyl Alcohol	7.04	79	579205	38.39	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1487967	50.12	ng		99
17) 2-Methylphenol	7.15	107	601185	37.51	ng		95
18) Hexachloroethane	7.41	117	344048	46.91	ng		93
19) n-Nitroso-di-n-propylamine	7.31	70	640964	47.09	ng	#	83
20) 3+4-Methylphenols	7.30	107	498136	27.75	ng	#	82
22) Acetophenone	7.31	105	1183596	60.62	ng	#	98
24) Nitrobenzene	7.48	77	1100135	51.49	ng		100
25) Isophorone	7.72	82	1941592	50.08	ng		100
26) 2-Nitrophenol	7.80	139	502197	53.92	ng	#	67
27) 2,4-Dimethylphenol	7.84	122	852764	45.34	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	1261232	55.33	ng		98
29) 2,4-Dichlorophenol	8.03	162	703103	49.16	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	706827	47.23	ng		98
31) Naphthalene	8.20	128	2339516	46.49	ng		100
32) Benzoic acid	7.90	122	199052	16.55	ng		98
33) 4-Chloroaniline	8.25	127	407751	18.13	ng		97
34) Hexachlorobutadiene	8.33	225	356242	47.51	ng		99
35) Caprolactam	8.67	113	39934m	7.71	ng		
36) 4-Chloro-3-methylphenol	8.73	107	793377	47.87	ng		97
37) 2-Methylnaphthalene	8.90	142	1676594	51.52	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	511844	47.79	ng		98
40) Hexachlorocyclopentadiene	9.06	237	565245	93.55	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	498998	49.42	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	468933	48.08	ng	#	92
45) 1,1'-Biphenyl	9.37	154	1878223	50.90	ng		95
46) 2-Chloronaphthalene	9.39	162	1559037	51.75	ng		93
47) 2-Nitroaniline	9.48	65	573144	58.73	ng	#	61
48) Acenaphthylene	9.80	152	2336701	48.75	ng		99
49) Dimethylphthalate	9.66	163	1720478	46.16	ng		99
50) 2,6-Dinitrotoluene	9.72	165	408875	49.58	ng	#	75
51) Acenaphthene	9.97	154	1601208	55.92	ng		99
52) 3-Nitroaniline	9.88	138	195143	19.47	ng		98
53) 2,4-Dinitrophenol	10.00	184	426297	136.42	ng	#	74
54) Dibenzofuran	10.14	168	1917475	50.70	ng		93
55) 4-Nitrophenol	10.04	139	319953	40.81	ng	#	64
56) 2,4-Dinitrotoluene	10.12	165	527543	49.97	ng	#	72
57) Fluorene	10.49	166	1371845	53.81	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	377107	53.23	ng		97
59) Diethylphthalate	10.36	149	1810334	47.06	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	543812	52.35	ng		92
61) 4-Nitroaniline	10.50	138	366374	42.30	ng		90
62) Azobenzene	10.64	77	1974981	52.47	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	285906	67.98	ng	#	47
65) n-Nitrosodiphenylamine	10.60	169	1442536	53.30	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	388771	47.20	ng	#	85
67) Hexachlorobenzene	11.04	284	467639	54.18	ng	#	74
68) Atrazine	11.13	200	380501	45.88	ng		98
69) Pentachlorophenol	11.22	266	478231	91.38	ng		98
70) Phenanthrene	11.45	178	2167684	51.36	ng		99
71) Anthracene	11.49	178	2125957	68.27	ng		100
72) Carbazole	11.65	167	2232609	55.62	ng		98
73) Di-n-butylphthalate	11.98	149	2431701	44.80	ng		99
74) Fluoranthene	12.62	202	2051866	58.12	ng		97
77) Pyrene	12.85	202	2039647	56.31	ng		100
79) Butylbenzylphthalate	13.48	149	1029433	61.52	ng		87
80) Benzo(a)anthracene	14.04	228	1304252	50.32	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	196607	13.09	ng	#	97
82) Chrysene	14.08	228	1301494	47.09	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	967933	53.57	ng	#	98
84) Di-n-octyl phthalate	14.66	149	2086354	59.91	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1646437	72.48	ng		96
87) Benzo(b)fluoranthene	15.07	252	1598884m	57.05	ng		
88) Benzo(k)fluoranthene	15.11	252	973213m	38.08	ng		
89) Benzo(a)pyrene	15.43	252	1306792	53.83	ng		97
90) Dibenzo(a,h)anthracene	16.92	278	1345588	62.72	ng	#	96
91) Benzo(g,h,i)perylene	17.33	276	1474026	64.61	ng	#	94

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

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