Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101129.D
Acq On : 5 Dec 2017 17:27
Operator : SJ/JU
Sample : I6709-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MS

Manual Integrations APPROVED
Sohil
12/6/2017 5:12:26 PM

Quant Time: Dec 06 00:50:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	47999	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	190016	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	87682	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	156717	20.00	ng		0.00
75) Chrysene-d12	14.02	240	98601	20.00	ng		0.00
86) Perylene-d12	15.50	264	103842	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	400672	137.94	ng		0.02
7) Phenol-d6	6.49	99	479992	136.11	ng		0.01
23) Nitrobenzene-d5	7.42	82	298059	93.57	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	126515	120.11	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	608716	94.98	ng		0.00
78) Terphenyl-d14	12.96	244	477560	105.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	50375	41.939	ng		97
3) Pyridine	3.45	79	124197	39.886	ng		93
4) n-Nitrosodimethylamine	3.41	42	73194	48.128	ng		90
6) Aniline	6.52	93	135548	29.557	ng		98
8) 2-Chlorophenol	6.64	128	149751	47.283	ng		96
9) Benzaldehyde	6.40	77	53730	24.893	ng		93
10) Phenol	6.50	94	185916	47.411	ng		88
11) bis(2-Chloroethyl)ether	6.59	93	133559	45.408	ng		98
12) 1,3-Dichlorobenzene	6.79	146	172338	46.731	ng		98
13) 1,4-Dichlorobenzene	6.87	146	173090	45.334	ng		97
14) 1,2-Dichlorobenzene	7.02	146	162183	45.540	ng		97
15) Benzyl Alcohol	7.00	79	125085	45.923	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	214889	53.747	ng		94
17) 2-Methylphenol	7.11	107	118793	46.451	ng		96
18) Hexachloroethane	7.36	117	52299	42.635	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	102446	43.134	ng		96
20) 3+4-Methylphenols	7.26	107	151935	45.554	ng	#	67
22) Acetophenone	7.26	105	196918	42.895	ng	#	88
24) Nitrobenzene	7.44	77	146541	46.940	ng		97
25) Isophorone	7.67	82	269764	49.580	ng		97
26) 2-Nitrophenol	7.75	139	75970	44.329	ng		96
27) 2,4-Dimethylphenol	7.79	122	124691	50.296	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	167540	45.815	ng		98
29) 2,4-Dichlorophenol	7.99	162	129090	47.837	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	140300	47.282	ng		98
31) Naphthalene	8.16	128	422928	45.161	ng		99
33) 4-Chloroaniline	8.20	127	69770	18.542	ng		98
34) Hexachlorobutadiene	8.26	225	81055	44.538	ng		98
35) Caprolactam	8.58	113	30614m	36.403	ng		
36) 4-Chloro-3-methylphenol	8.69	107	131740	47.129	ng		98
37) 2-Methylnaphthalene	8.85	142	295378	46.419	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	135243	42.458	ng	#	97
40) Hexachlorocyclopentadiene	8.99	237	23062	26.007	ng		99
42) 2,4,6-Trichlorophenol	9.13	196	93714	50.188	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	97028	48.605	ng	#	92
45) 1,1'-Biphenyl	9.31	154	340013	42.325	ng		98
46) 2-Chloronaphthalene	9.34	162	275654	48.316	ng		95
47) 2-Nitroaniline	9.44	65	80848	47.897	ng		98
48) Acenaphthylene	9.75	152	418566	44.643	ng		99
49) Dimethylphthalate	9.61	163	409216	57.870	ng		100
50) 2,6-Dinitrotoluene	9.68	165	69905	46.936	ng		90
51) Acenaphthene	9.93	154	240251	42.793	ng		99
52) 3-Nitroaniline	9.85	138	59616	35.593	ng		92
53) 2,4-Dinitrophenol	9.97	184	1158	6.248	ng	#	18
54) Dibenzofuran	10.10	168	362259	44.776	ng		99
55) 4-Nitrophenol	10.02	139	89407	79.152	ng		92
56) 2,4-Dinitrotoluene	10.09	165	87703	43.939	ng		97
57) Fluorene	10.44	166	289847	44.070	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	72641	45.447	ng	#	86
59) Diethylphthalate	10.31	149	311070	44.599	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	141999	43.728	ng		92
61) 4-Nitroaniline	10.47	138	66142	38.042	ng		92
62) Azobenzene	10.59	77	260990	44.093	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	7917	7.532	ng		79
65) n-Nitrosodiphenylamine	10.55	169	265226	47.972	ng		97
66) 4-Bromophenyl-phenylether	10.92	248	87974	50.151	ng		92
67) Hexachlorobenzene	10.99	284	87624	46.607	ng	#	83
68) Atrazine	11.07	200	84963	50.098	ng		97
69) Pentachlorophenol	11.19	266	64039	61.950	ng		99
70) Phenanthrene	11.40	178	394593	45.722	ng		98
71) Anthracene	11.46	178	401565	45.974	ng		99
72) Carbazole	11.61	167	343100	42.992	ng		98
73) Di-n-butylphthalate	11.93	149	463911	46.377	ng		98
74) Fluoranthene	12.59	202	354088	37.013	ng		95
76) Benzidine	12.72	184	137643	42.929	ng		96
77) Pyrene	12.82	202	351875	51.718	ng		98
79) Butylbenzylphthalate	13.43	149	153926	51.314	ng	#	87
80) Benzo(a)anthracene	14.02	228	287126	46.121	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	96693	44.847	ng	#	97
82) Chrysene	14.05	228	267175	46.210	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	208783	48.814	ng		99
84) Di-n-octyl phthalate	14.60	149	321005	45.076	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	264928	51.540	ng	#	92
87) Benzo(b)fluoranthene	15.07	252	281966m	45.333	ng		
88) Benzo(k)fluoranthene	15.10	252	262496	42.836	ng	#	96
89) Benzo(a)pyrene	15.44	252	263870	46.664	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	224755	45.085	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	209211	44.532	ng	#	92

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

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