Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
Data File : BF095889.D
Acq On : 13 Jun 2017 00:26
Operator : SJ/MA
Sample : IDOC-W4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC-W4

Manual Integrations APPROVED
mohammad
6/13/2017 4:10:48 PM

Quant Time: Jun 13 06:59:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	63103	20.00	ng		-0.05
21) Naphthalene-d8	9.38	136	270115	20.00	ng		-0.05
38) Acenaphthene-d10	12.20	164	131599	20.00	ng		-0.05
63) Phenanthrene-d10	14.60	188	237320	20.00	ng		-0.05
75) Chrysene-d12	18.32	240	187792	20.00	ng		-0.04
86) Perylene-d12	19.99	264	130112	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	505486	127.64	ng		-0.03
7) Phenol-d6	6.92	99	592248	124.92	ng		-0.04
23) Nitrobenzene-d5	8.27	82	350769	80.65	ng		-0.05
41) 2,4,6-Tribromophenol	13.50	330	136926	117.60	ng		-0.05
44) 2-Fluorobiphenyl	11.16	172	731702	77.37	ng		-0.05
78) Terphenyl-d14	16.97	244	662674	87.57	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	57196	30.360	ng	#	93
3) Pyridine	2.28	79	142283	32.135	ng		93
4) n-Nitrosodimethylamine	2.23	42	60708	36.064	ng		84
6) Aniline	6.85	93	197380	31.823	ng		93
8) 2-Chlorophenol	7.03	128	174977	41.556	ng		93
9) Benzaldehyde	6.67	77	61304	19.170	ng		93
10) Phenol	6.93	94	210588	42.820	ng		91
11) bis(2-Chloroethyl)ether	7.00	93	152067	39.032	ng		97
12) 1,3-Dichlorobenzene	7.25	146	182504	38.293	ng		96
13) 1,4-Dichlorobenzene	7.37	146	184362	38.145	ng		97
14) 1,2-Dichlorobenzene	7.61	146	172790	38.780	ng		95
15) Benzyl Alcohol	7.66	79	136910	42.074	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.85	45	216170	39.492	ng		97
17) 2-Methylphenol	7.89	107	146315	41.406	ng		98
18) Hexachloroethane	8.12	117	63602	39.844	ng	#	82
19) n-Nitroso-di-n-propylamine	8.08	70	122843	40.887	ng		96
20) 3+4-Methylphenols	8.15	107	190370	42.441	ng	#	57
22) Acetophenone	8.05	105	242483	38.353	ng	#	83
24) Nitrobenzene	8.30	77	174705	37.603	ng		92
25) Isophorone	8.70	82	313579	38.613	ng		95
26) 2-Nitrophenol	8.81	139	93996	38.636	ng		97
27) 2,4-Dimethylphenol	8.96	122	157855	41.809	ng		97
28) bis(2-Chloroethoxy)methane	9.08	93	204473	38.196	ng		99
29) 2,4-Dichlorophenol	9.25	162	141114	38.808	ng		96
30) 1,2,4-Trichlorobenzene	9.32	180	140836	37.222	ng		99
31) Naphthalene	9.42	128	505563	37.294	ng		99
32) Benzoic acid	9.33	122	80571	35.622	ng		93
33) 4-Chloroaniline	9.57	127	143698	27.120	ng	#	93
34) Hexachlorobutadiene	9.63	225	71531	36.588	ng		98
35) Caprolactam	10.20	113	50137m	46.337	ng		
36) 4-Chloro-3-methylphenol	10.45	107	161034	42.306	ng		89
37) 2-Methylnaphthalene	10.54	142	358992	39.194	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	139482	35.415	ng		100
40) Hexachlorocyclopentadiene	10.79	237	75605	63.877	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	94691	37.394	ng		96
43) 2,4,5-Trichlorophenol	11.15	196	93724	34.796	ng		93
45) 1,1'-Biphenyl	11.31	154	410150	37.815	ng		98
46) 2-Chloronaphthalene	11.32	162	314292	37.086	ng		94
47) 2-Nitroaniline	11.55	65	96604	38.954	ng	#	78
48) Acenaphthylene	11.97	152	507406	35.015	ng		97
49) Dimethylphthalate	11.87	163	387640	38.796	ng		99
50) 2,6-Dinitrotoluene	11.96	165	83532	38.327	ng	#	75
51) Acenaphthene	12.26	154	298838	35.706	ng		98
52) 3-Nitroaniline	12.23	138	71134	28.014	ng		88
53) 2,4-Dinitrophenol	12.45	184	74270	61.788	ng	#	69
54) Dibenzofuran	12.54	168	467267	39.669	ng		98
55) 4-Nitrophenol	12.64	139	89430	61.460	ng	#	78
56) 2,4-Dinitrotoluene	12.63	165	120543	40.949	ng	#	90
57) Fluorene	13.10	166	381812	37.247	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.80	232	76216	41.356	ng	#	94
59) Diethylphthalate	13.02	149	381743	39.699	ng		100
60) 4-Chlorophenyl-phenylether	13.13	204	167896	37.664	ng		90
61) 4-Nitroaniline	13.23	138	97976	41.326	ng		97
62) Azobenzene	13.39	77	346910	39.806	ng		94
64) 4,6-Dinitro-2-methylphenol	13.31	198	57681	36.977	ng	#	72
65) n-Nitrosodiphenylamine	13.34	169	329603	38.651	ng		97
66) 4-Bromophenyl-phenylether	13.91	248	96498	39.124	ng		97
67) Hexachlorobenzene	13.99	284	96140	39.557	ng	#	88
68) Atrazine	14.27	200	98659	41.571	ng		97
69) Pentachlorophenol	14.36	266	53696	60.061	ng		98
70) Phenanthrene	14.64	178	546374	39.901	ng		98
71) Anthracene	14.72	178	565715	39.573	ng		99
72) Carbazole	15.02	167	535911	38.468	ng		98
73) Di-n-butylphthalate	15.62	149	615968	41.559	ng		98
74) Fluoranthene	16.42	202	554274	40.897	ng		99
76) Benzidine	16.65	184	256223	35.526	ng	#	93
77) Pyrene	16.72	202	567614	40.509	ng		99
79) Butylbenzylphthalate	17.64	149	257374	42.058	ng	#	87
80) Benzo(a)anthracene	18.31	228	424392	38.870	ng		98
81) 3,3'-Dichlorobenzidine	18.29	252	102156	26.317	ng	#	96
82) Chrysene	18.35	228	423227	38.788	ng		99
83) Bis(2-ethylhexyl)phthalate	18.39	149	357621	41.428	ng	#	99
84) Di-n-octyl phthalate	19.16	149	569319	40.024	ng		96
85) Indeno(1,2,3-cd)pyrene	21.15	276	324985	34.811	ng		99
87) Benzo(b)fluoranthene	19.58	252	318097	39.044	ng		98
88) Benzo(k)fluoranthene	19.61	252	347269	44.594	ng		95
89) Benzo(a)pyrene	19.93	252	304910	40.718	ng		98
90) Dibenzo(a,h)anthracene	21.15	278	270946	42.655	ng		96
91) Benzo(g,h,i)perylene	21.48	276	280168	43.264	ng		100

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

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