Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
Data File : BF095887.D
Acq On : 12 Jun 2017 23:21
Operator : SJ/MA
Sample : IDOC-W-2
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC-W-2

Manual Integrations APPROVED
mohammad
6/13/2017 4:10:42 PM

Quant Time: Jun 13 06:52:43 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	63622	20.00	ng		-0.05
21) Naphthalene-d8	9.38	136	273874	20.00	ng		-0.05
38) Acenaphthene-d10	12.20	164	131166	20.00	ng		-0.05
63) Phenanthrene-d10	14.60	188	244112	20.00	ng		-0.05
75) Chrysene-d12	18.32	240	186737	20.00	ng		-0.04
86) Perylene-d12	19.99	264	133671	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	521848	130.70	ng		-0.03
7) Phenol-d6	6.92	99	624307	130.61	ng		-0.04
23) Nitrobenzene-d5	8.27	82	366368	83.08	ng		-0.05
41) 2,4,6-Tribromophenol	13.50	330	141940	122.31	ng		-0.05
44) 2-Fluorobiphenyl	11.16	172	752058	79.79	ng		-0.05
78) Terphenyl-d14	16.97	244	683268	90.81	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	65891	34.690	ng	#	91
3) Pyridine	2.29	79	163791	36.690	ng		96
4) n-Nitrosodimethylamine	2.25	42	68644	40.446	ng		82
6) Aniline	6.85	93	170730	27.302	ng		93
8) 2-Chlorophenol	7.03	128	191378	45.080	ng		97
9) Benzaldehyde	6.67	77	68209	21.155	ng		98
10) Phenol	6.93	94	225504	45.479	ng		91
11) bis(2-Chloroethyl)ether	7.00	93	166628	42.421	ng		94
12) 1,3-Dichlorobenzene	7.25	146	194932	40.567	ng		98
13) 1,4-Dichlorobenzene	7.37	146	198785	40.794	ng		98
14) 1,2-Dichlorobenzene	7.61	146	190339	42.370	ng		96
15) Benzyl Alcohol	7.66	79	146962	44.795	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.85	45	229966	41.670	ng		94
17) 2-Methylphenol	7.89	107	157849	44.306	ng		97
18) Hexachloroethane	8.12	117	67653	42.036	ng	#	87
19) n-Nitroso-di-n-propylamine	8.09	70	131727	43.486	ng		93
20) 3+4-Methylphenols	8.15	107	203402	44.976	ng	#	59
22) Acetophenone	8.05	105	264818	41.311	ng	#	83
24) Nitrobenzene	8.30	77	184582	39.184	ng		96
25) Isophorone	8.70	82	338565	41.117	ng		95
26) 2-Nitrophenol	8.81	139	105586	42.804	ng		97
27) 2,4-Dimethylphenol	8.96	122	172071	44.949	ng		98
28) bis(2-Chloroethoxy)methane	9.08	93	222698	41.029	ng		98
29) 2,4-Dichlorophenol	9.25	162	157869	42.820	ng		98
30) 1,2,4-Trichlorobenzene	9.32	180	154692	40.323	ng		98
31) Naphthalene	9.42	128	543836	39.567	ng		99
32) Benzoic acid	9.33	122	82635	35.974	ng		94
33) 4-Chloroaniline	9.59	127	79929	14.878	ng	#	91
34) Hexachlorobutadiene	9.63	225	78594	39.649	ng		98
35) Caprolactam	10.20	113	53245m	48.535	ng		
36) 4-Chloro-3-methylphenol	10.45	107	171617	44.467	ng		90
37) 2-Methylnaphthalene	10.55	142	386479	41.616	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	151606	38.620	ng		99
40) Hexachlorocyclopentadiene	10.79	237	83573	69.616	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	100750	39.918	ng		96
43) 2,4,5-Trichlorophenol	11.15	196	99214	36.956	ng	#	91
45) 1,1'-Biphenyl	11.31	154	434678	40.208	ng		97
46) 2-Chloronaphthalene	11.32	162	337221	39.923	ng		93
47) 2-Nitroaniline	11.55	65	101877	41.216	ng	#	79
48) Acenaphthylene	11.97	152	537487	37.213	ng		99
49) Dimethylphthalate	11.87	163	408684	41.037	ng		99
50) 2,6-Dinitrotoluene	11.96	165	89522	41.211	ng	#	82
51) Acenaphthene	12.26	154	320301	38.397	ng		99
52) 3-Nitroaniline	12.23	138	58575	23.144	ng	#	91
53) 2,4-Dinitrophenol	12.46	184	87464	71.829	ng	#	66
54) Dibenzofuran	12.54	168	498024	42.419	ng		95
55) 4-Nitrophenol	12.64	139	98009	67.117	ng	#	70
56) 2,4-Dinitrotoluene	12.64	165	128021	43.633	ng	#	88
57) Fluorene	13.10	166	403080	39.452	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	84003	45.731	ng	#	91
59) Diethylphthalate	13.02	149	404981	42.255	ng		99
60) 4-Chlorophenyl-phenylether	13.13	204	177947	40.050	ng		87
61) 4-Nitroaniline	13.23	138	98835	41.826	ng		95
62) Azobenzene	13.39	77	375228	43.198	ng		94
64) 4,6-Dinitro-2-methylphenol	13.31	198	61351	38.235	ng	#	70
65) n-Nitrosodiphenylamine	13.34	169	346811	39.538	ng		97
66) 4-Bromophenyl-phenylether	13.91	248	103490	40.792	ng		98
67) Hexachlorobenzene	13.99	284	101917	40.768	ng	#	88
68) Atrazine	14.27	200	104027	42.613	ng		96
69) Pentachlorophenol	14.36	266	53495	58.379	ng		97
70) Phenanthrene	14.64	178	575347	40.848	ng		97
71) Anthracene	14.73	178	599234	40.751	ng		97
72) Carbazole	15.02	167	557648	38.915	ng		97
73) Di-n-butylphthalate	15.62	149	662304	43.442	ng		98
74) Fluoranthene	16.42	202	595397	42.709	ng		99
76) Benzidine	16.64	184	239126	33.343	ng	#	93
77) Pyrene	16.72	202	603623	43.322	ng		99
79) Butylbenzylphthalate	17.64	149	275922	45.343	ng		89
80) Benzo(a)anthracene	18.31	228	453642	41.783	ng		99
81) 3,3'-Dichlorobenzidine	18.29	252	86412	22.387	ng		97
82) Chrysene	18.35	228	449451	41.424	ng		98
83) Bis(2-ethylhexyl)phthalate	18.39	149	380771	44.359	ng		99
84) Di-n-octyl phthalate	19.16	149	606963	42.912	ng		96
85) Indeno(1,2,3-cd)pyrene	21.15	276	331452	35.704	ng		100
87) Benzo(b)fluoranthene	19.58	252	341289	40.775	ng		97
88) Benzo(k)fluoranthene	19.61	252	367384	45.921	ng		95
89) Benzo(a)pyrene	19.93	252	324400	42.168	ng		99
90) Dibenzo(a,h)anthracene	21.15	278	276421	42.359	ng		96
91) Benzo(g,h,i)perylene	21.48	276	288188	43.317	ng		96

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

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