Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100404.D
Acq On : 10 Nov 2017 21:10
Operator : SJ/JU
Sample : I6382-10MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Manual Integrations APPROVED
SOHIL
11/13/2017 4:43:27 PM

Quant Time: Nov 10 23:13:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	167264	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	649173	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	265946	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	426930	20.00	ng		0.00
75) Chrysene-d12	14.07	240	333005	20.00	ng		0.00
86) Perylene-d12	15.55	264	267492	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1047398	100.38	ng		0.02
7) Phenol-d6	6.53	99	1163933	90.46	ng		0.00
23) Nitrobenzene-d5	7.47	82	899955	91.65	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	274057	101.13	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1506115	86.23	ng		0.00
78) Terphenyl-d14	13.01	244	1089779	75.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	166328	32.709	ng	#	80
3) Pyridine	3.62	79	317382	22.877	ng		96
4) n-Nitrosodimethylamine	3.56	42	237514	35.262	ng		97
6) Aniline	6.57	93	112930	6.212	ng		98
8) 2-Chlorophenol	6.69	128	432600	39.189	ng		99
9) Benzaldehyde	6.46	77	230993	25.138	ng		99
10) Phenol	6.55	94	447119	33.101	ng		96
11) bis(2-Chloroethyl)ether	6.65	93	450540	39.709	ng		97
12) 1,3-Dichlorobenzene	6.85	146	493187	38.752	ng		98
13) 1,4-Dichlorobenzene	6.92	146	489745	38.021	ng		99
14) 1,2-Dichlorobenzene	7.07	146	455652	38.259	ng		99
15) Benzyl Alcohol	7.05	79	373768	37.220	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	807893	44.520	ng		99
17) 2-Methylphenol	7.16	107	364172	38.605	ng		98
18) Hexachloroethane	7.42	117	130583	30.747	ng		99
19) n-Nitroso-di-n-propylamine	7.32	70	314268	35.218	ng		96
20) 3+4-Methylphenols	7.30	107	421477	35.308	ng	#	88
22) Acetophenone	7.32	105	587108	37.088	ng	#	97
24) Nitrobenzene	7.49	77	474792	46.980	ng		98
25) Isophorone	7.73	82	860587	41.707	ng		100
26) 2-Nitrophenol	7.80	139	209193	44.580	ng		92
27) 2,4-Dimethylphenol	7.83	122	408299	44.141	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	558033	41.345	ng		98
29) 2,4-Dichlorophenol	8.04	162	368240	41.702	ng		99
30) 1,2,4-Trichlorobenzene	8.13	180	390847	40.919	ng		96
31) Naphthalene	8.21	128	1232483	39.417	ng		100
32) Benzoic acid	7.94	122	217948	34.134	ng		99
33) 4-Chloroaniline	8.25	127	64000	4.917	ng		97
34) Hexachlorobutadiene	8.32	225	228051	40.155	ng		99
35) Caprolactam	8.63	113	79988m	26.395	ng		
36) 4-Chloro-3-methylphenol	8.73	107	359035	37.858	ng		96
37) 2-Methylnaphthalene	8.90	142	818988	39.453	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	371413	42.110	ng	#	97
40) Hexachlorocyclopentadiene	9.05	237	55101	13.274	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	247462	44.268	ng		100
43) 2,4,5-Trichlorophenol	9.22	196	245805	42.441	ng		95
45) 1,1'-Biphenyl	9.36	154	931786	40.510	ng		100
46) 2-Chloronaphthalene	9.39	162	724365	43.409	ng		96
47) 2-Nitroaniline	9.49	65	238520	48.353	ng		97
48) Acenaphthylene	9.80	152	1078053	38.984	ng		99
49) Dimethylphthalate	9.66	163	864181	42.559	ng		99
50) 2,6-Dinitrotoluene	9.72	165	170839	42.504	ng		96
51) Acenaphthene	9.98	154	634493	37.726	ng		99
52) 3-Nitroaniline	9.89	138	127807	26.928	ng		98
53) 2,4-Dinitrophenol	9.99	184	10743	15.846	ng	#	31
54) Dibenzofuran	10.15	168	929506	39.432	ng		98
55) 4-Nitrophenol	10.05	139	222549	57.747	ng		94
56) 2,4-Dinitrotoluene	10.13	165	201913	39.821	ng	#	89
57) Fluorene	10.49	166	663327	38.413	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	182571	38.462	ng	#	88
59) Diethylphthalate	10.36	149	817936	40.253	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	340360	40.179	ng		95
61) 4-Nitroaniline	10.50	138	166558	37.009	ng		96
62) Azobenzene	10.64	77	719827	37.612	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	9353	12.134	ng		97
65) n-Nitrosodiphenylamine	10.60	169	638108	42.985	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	210991	46.102	ng	#	83
67) Hexachlorobenzene	11.04	284	206684	43.180	ng	#	87
68) Atrazine	11.12	200	185141	41.201	ng		97
69) Pentachlorophenol	11.23	266	217202	63.282	ng		97
70) Phenanthrene	11.46	178	891975	39.681	ng		99
71) Anthracene	11.50	178	919845	40.334	ng		100
72) Carbazole	11.66	167	802609	38.142	ng		99
73) Di-n-butylphthalate	11.99	149	1129325	45.861	ng		99
74) Fluoranthene	12.64	202	914159	38.373	ng		98
76) Benzidine	12.76	184	142015	10.649	ng		98
77) Pyrene	12.87	202	909918	38.332	ng		99
79) Butylbenzylphthalate	13.49	149	424777	43.879	ng		91
80) Benzo(a)anthracene	14.06	228	798205	39.804	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	253381	35.266	ng		97
82) Chrysene	14.10	228	774942	39.906	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	584310	45.892	ng		99
84) Di-n-octyl phthalate	14.66	149	1000839	45.756	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	564683	35.951	ng		96
87) Benzo(b)fluoranthene	15.12	252	646804	40.814	ng		99
88) Benzo(k)fluoranthene	15.14	252	635864	42.466	ng		98
89) Benzo(a)pyrene	15.49	252	585404	41.668	ng		99
90) Dibenzo(a,h)anthracene	17.07	278	473279	41.192	ng		97
91) Benzo(g,h,i)perylene	17.50	276	469927	41.782	ng		96

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

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