Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102150.D
Acq On : 17 Jan 2018 15:24
Operator : SJ/JU
Sample : J1144-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IGW-1MS

Manual Integrations APPROVED
Sohil
1/18/2018 11:12:17 AM

Quant Time: Jan 18 01:33:48 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	157304	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	629483	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	279922	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	452753	20.00	ng		0.00
75) Chrysene-d12	13.87	240	251476	20.00	ng		0.00
86) Perylene-d12	15.29	264	256799	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1073894	96.40	ng		0.02
7) Phenol-d6	6.37	99	1297032	97.59	ng		0.01
23) Nitrobenzene-d5	7.29	82	819026	76.46	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	296345	121.31	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1438759	80.30	ng		0.00
78) Terphenyl-d14	12.82	244	1083265	89.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	138991	25.001	ng		96
3) Pyridine	3.16	79	382513	25.195	ng		93
4) n-Nitrosodimethylamine	3.12	42	202762	31.893	ng		90
6) Aniline	6.39	93	464138	24.779	ng	#	85
8) 2-Chlorophenol	6.51	128	395332	35.384	ng		97
9) Benzaldehyde	6.27	77	52956	5.738	ng		94
10) Phenol	6.38	94	505265	33.639	ng		78
11) bis(2-Chloroethyl)ether	6.46	93	350590	30.666	ng		94
12) 1,3-Dichlorobenzene	6.66	146	409891	31.826	ng		99
13) 1,4-Dichlorobenzene	6.74	146	414011	32.215	ng		99
14) 1,2-Dichlorobenzene	6.89	146	386951	32.530	ng		100
15) Benzyl Alcohol	6.87	79	327549	33.691	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	598282	28.388	ng		99
17) 2-Methylphenol	6.98	107	326016	32.347	ng		98
18) Hexachloroethane	7.23	117	146402	32.350	ng		99
19) n-Nitroso-di-n-propylamine	7.15	70	264008	30.311	ng		98
20) 3+4-Methylphenols	7.14	107	384172	31.746	ng	#	66
22) Acetophenone	7.14	105	537810	35.459	ng	#	90
24) Nitrobenzene	7.31	77	396109	34.412	ng		99
25) Isophorone	7.55	82	730158	34.497	ng		98
26) 2-Nitrophenol	7.62	139	217138	45.070	ng		99
27) 2,4-Dimethylphenol	7.66	122	351451	39.061	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	458070	35.843	ng		99
29) 2,4-Dichlorophenol	7.86	162	331627	38.816	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	316360	35.401	ng		98
31) Naphthalene	8.03	128	1087225	34.565	ng		99
32) Benzoic acid	7.75	122	49400	7.240	ng		98
33) 4-Chloroaniline	8.08	127	345911	25.766	ng		97
34) Hexachlorobutadiene	8.14	225	169124	35.754	ng		98
35) Caprolactam	8.46	113	104970m	35.790	ng		
36) 4-Chloro-3-methylphenol	8.57	107	351075	37.540	ng		97
37) 2-Methylnaphthalene	8.72	142	751307	36.282	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	299099	37.769	ng		99
40) Hexachlorocyclopentadiene	8.87	237	272506	62.921	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	216455	39.664	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	226844	36.778	ng		96
45) 1,1'-Biphenyl	9.19	154	872927	35.281	ng		97
46) 2-Chloronaphthalene	9.21	162	665051	34.663	ng		97
47) 2-Nitroaniline	9.30	65	218856	38.080	ng		93
48) Acenaphthylene	9.62	152	1004214	32.981	ng		100
49) Dimethylphthalate	9.49	163	912975	40.657	ng		99
50) 2,6-Dinitrotoluene	9.55	165	174439	38.889	ng		99
51) Acenaphthene	9.79	154	593345	32.106	ng		99
52) 3-Nitroaniline	9.72	138	162450	28.696	ng		95
53) 2,4-Dinitrophenol	9.82	184	111453	66.640	ng	#	22
54) Dibenzofuran	9.96	168	899173	35.451	ng		96
55) 4-Nitrophenol	9.89	139	294232	69.744	ng		98
56) 2,4-Dinitrotoluene	9.95	165	227121	40.398	ng		94
57) Fluorene	10.31	166	674205	38.451	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	174277	39.688	ng		98
59) Diethylphthalate	10.19	149	762145	34.120	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	299915	40.169	ng		97
61) 4-Nitroaniline	10.33	138	183445	34.145	ng		94
62) Azobenzene	10.46	77	725974	32.666	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	99858	41.482	ng		98
65) n-Nitrosodiphenylamine	10.42	169	622229	36.702	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	188403	39.404	ng		98
67) Hexachlorobenzene	10.85	284	192949	36.966	ng		94
68) Atrazine	10.95	200	189226	38.621	ng		99
69) Pentachlorophenol	11.05	266	212675	66.818	ng		100
70) Phenanthrene	11.27	178	926745	35.042	ng		99
71) Anthracene	11.32	178	960059	35.794	ng		99
72) Carbazole	11.47	167	867309	32.898	ng		99
73) Di-n-butylphthalate	11.80	149	1113543	34.428	ng		99
74) Fluoranthene	12.45	202	829202	31.868	ng		96
76) Benzidine	12.57	184	386595	31.836	ng		97
77) Pyrene	12.67	202	812000	36.529	ng		99
79) Butylbenzylphthalate	13.30	149	378683	37.121	ng		97
80) Benzo(a)anthracene	13.86	228	540227	33.670	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	193106	32.505	ng		98
82) Chrysene	13.90	228	533321	31.877	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	457358	39.082	ng		100
84) Di-n-octyl phthalate	14.47	149	742276	38.223	ng		100
85) Indeno(1,2,3-cd)pyrene	16.67	276	654786	53.772	ng		99
87) Benzo(b)fluoranthene	14.88	252	563488	33.653	ng		99
88) Benzo(k)fluoranthene	14.91	252	464585	28.762	ng		98
89) Benzo(a)pyrene	15.23	252	516829	34.301	ng		99
90) Dibenzo(a,h)anthracene	16.68	278	540200	44.926	ng		99
91) Benzo(g,h,i)perylene	17.09	276	569446	47.014	ng		98

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

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