Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104005.D
Acq On : 28 Mar 2018 12:47
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
3/29/2018 5:36:03 PM

Quant Time: Mar 28 13:34:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 12:06:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	128725	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	534867	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	249861	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	450470	20.00	ng		0.00
75) Chrysene-d12	14.16	240	340015	20.00	ng		0.00
86) Perylene-d12	15.70	264	323014	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1262687	149.20	ng		0.00
7) Phenol-d6	6.62	99	1444826	139.54	ng		0.01
23) Nitrobenzene-d5	7.55	82	1312306	171.10	ng		0.01
41) 2,4,6-Tribromophenol	10.81	330	396605	184.61	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	2083187	132.99	ng		0.00
78) Terphenyl-d14	13.09	244	1970684	134.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	273382	65.602	ng	#	87
3) Pyridine	3.63	79	736348m	64.241	ng		
4) n-Nitrosodimethylamine	3.61	42	220509m	52.175	ng		
6) Aniline	6.65	93	947906	64.113	ng		93
8) 2-Chlorophenol	6.76	128	664606	74.963	ng		96
9) Benzaldehyde	6.53	77	280868	41.290	ng		95
10) Phenol	6.63	94	810108	73.630	ng		79
11) bis(2-Chloroethyl)ether	6.71	93	619210	68.174	ng		93
12) 1,3-Dichlorobenzene	6.91	146	753085	74.581	ng		100
13) 1,4-Dichlorobenzene	6.99	146	790394	77.897	ng		99
14) 1,2-Dichlorobenzene	7.14	146	662841	70.399	ng		99
15) Benzyl Alcohol	7.12	79	477248	59.489	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	752250	58.231	ng		59
17) 2-Methylphenol	7.23	107	553005	70.044	ng	#	88
18) Hexachloroethane	7.47	117	265522	74.394	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	430467	64.872	ng		92
20) 3+4-Methylphenols	7.39	107	614436	61.324	ng	#	65
22) Acetophenone	7.39	105	900535	65.511	ng	#	96
24) Nitrobenzene	7.56	77	695047	77.189	ng		95
25) Isophorone	7.79	82	1277488	71.950	ng		99
26) 2-Nitrophenol	7.87	139	380476	129.229	ng		95
27) 2,4-Dimethylphenol	7.90	122	519617	68.313	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	766497	71.292	ng		100
29) 2,4-Dichlorophenol	8.12	162	556124	80.363	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	611751	76.218	ng		98
31) Naphthalene	8.27	128	1884397	69.744	ng		99
32) Benzoic acid	8.08	122	452684m	99.244	ng		
33) 4-Chloroaniline	8.33	127	835297	73.690	ng		97
34) Hexachlorobutadiene	8.38	225	325081	73.871	ng		100
35) Caprolactam	8.73	113	175349	73.586	ng	#	76
36) 4-Chloro-3-methylphenol	8.82	107	585526	76.751	ng		96
37) 2-Methylnaphthalene	8.96	142	1219174	71.155	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	560013	78.563	ng		99
40) Hexachlorocyclopentadiene	9.10	237	290898	79.087	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	375750	82.412	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	437114	84.940	ng		98
45) 1,1'-Biphenyl	9.43	154	1485414	71.295	ng		100
46) 2-Chloronaphthalene	9.46	162	1205784	72.865	ng		99
47) 2-Nitroaniline	9.56	65	369809	95.683	ng		95
48) Acenaphthylene	9.87	152	1759049	68.549	ng		99
49) Dimethylphthalate	9.73	163	1465763	76.890	ng		99
50) 2,6-Dinitrotoluene	9.80	165	317777	92.772	ng		90
51) Acenaphthene	10.05	154	1021963	67.072	ng		100
52) 3-Nitroaniline	9.99	138	369611	89.357	ng		93
53) 2,4-Dinitrophenol	10.08	184	149129	210.022	ng	#	26
54) Dibenzofuran	10.22	168	1448540	66.564	ng		99
55) 4-Nitrophenol	10.15	139	246719	80.492	ng		93
56) 2,4-Dinitrotoluene	10.21	165	386855	92.066	ng		97
57) Fluorene	10.56	166	1197646	70.924	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	316560	86.813	ng		94
59) Diethylphthalate	10.43	149	1344162	71.042	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	557488	72.239	ng		95
61) 4-Nitroaniline	10.62	138	335064	84.111	ng		97
62) Azobenzene	10.71	77	1218901	63.365	ng		95
64) 4,6-Dinitro-2-methylphenol	10.63	198	225839	154.827	ng	#	73
65) n-Nitrosodiphenylamine	10.67	169	1079807	70.423	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	356667	77.115	ng		94
67) Hexachlorobenzene	11.11	284	403574	76.451	ng	#	89
68) Atrazine	11.20	200	327717	69.092	ng		99
69) Pentachlorophenol	11.30	266	253080	83.390	ng		97
70) Phenanthrene	11.53	178	1691722	68.653	ng		99
71) Anthracene	11.59	178	1731118	69.168	ng		100
72) Carbazole	11.74	167	1678812	69.014	ng		99
73) Di-n-butylphthalate	12.05	149	1978675	67.791	ng		99
74) Fluoranthene	12.73	202	1763108	69.450	ng		97
76) Benzidine	12.84	184	605407m	41.747	ng		
77) Pyrene	12.96	202	1809853	72.480	ng		100
79) Butylbenzylphthalate	13.56	149	873126	78.921	ng		99
80) Benzo(a)anthracene	14.15	228	1576322	73.239	ng		100
82) Chrysene	14.19	228	1490195	72.633	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	1031020	65.235	ng		100
84) Di-n-octyl phthalate	14.74	149	1881070	81.810	ng		95
85) Indeno(1,2,3-cd)pyrene	17.30	276	1424830	79.523	ng		96
87) Benzo(b)fluoranthene	15.24	252	1548082	75.859	ng		98
88) Benzo(k)fluoranthene	15.28	252	1334932	68.050	ng		99
89) Benzo(a)pyrene	15.64	252	1344574	72.642	ng		98
90) Dibenzo(a,h)anthracene	17.32	278	1163298	72.582	ng		99
91) Benzo(g,h,i)perylene	17.79	276	1190209	76.334	ng		96

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

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