Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102765.D
Acq On : 6 Feb 2018 4:24
Operator : SJ/JU
Sample : J1454-02MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Manual Integrations APPROVED
Sohil
2/6/2018 2:26:20 PM

Quant Time: Feb 06 06:49:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	211426	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	876721	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	383625	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	566086	20.00	ng		0.00
75) Chrysene-d12	14.05	240	331011	20.00	ng		0.00
86) Perylene-d12	15.53	264	325847	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1349331	96.92	ng		0.01
7) Phenol-d6	6.51	99	1640023	97.84	ng		0.00
23) Nitrobenzene-d5	7.45	82	1028999	81.42	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	304396	98.58	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1550239	67.05	ng		0.00
78) Terphenyl-d14	12.99	244	1040745	74.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	208790	30.364	ng	#	86
3) Pyridine	3.49	79	610680	32.144	ng		87
4) n-Nitrosodimethylamine	3.44	42	312358	38.428	ng		96
6) Aniline	6.55	93	505446	20.418	ng		98
8) 2-Chlorophenol	6.67	128	538158	37.548	ng		96
9) Benzaldehyde	6.43	77	186101	14.950	ng		94
10) Phenol	6.52	94	746054	41.530	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	536255	35.874	ng		90
12) 1,3-Dichlorobenzene	6.82	146	562766	33.907	ng		99
13) 1,4-Dichlorobenzene	6.90	146	564052	34.116	ng		99
14) 1,2-Dichlorobenzene	7.05	146	530266	34.434	ng		100
15) Benzyl Alcohol	7.02	79	476476	36.971	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	986456	34.739	ng		97
17) 2-Methylphenol	7.13	107	471039	35.629	ng		99
18) Hexachloroethane	7.39	117	188928	33.324	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	370339	33.508	ng		95
20) 3+4-Methylphenols	7.28	107	556156	34.113	ng		91
22) Acetophenone	7.29	105	739993	34.492	ng	#	96
24) Nitrobenzene	7.47	77	576433	38.765	ng		96
25) Isophorone	7.70	82	1066692	36.654	ng		100
26) 2-Nitrophenol	7.78	139	277282	45.870	ng		98
27) 2,4-Dimethylphenol	7.82	122	496017	40.344	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	677621	39.307	ng		99
29) 2,4-Dichlorophenol	8.02	162	436231	39.030	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	435439	34.438	ng		99
31) Naphthalene	8.19	128	1565818	36.555	ng		98
32) Benzoic acid	7.88	122	57490	14.784	ng		89
33) 4-Chloroaniline	8.23	127	202766	10.988	ng		99
34) Hexachlorobutadiene	8.30	225	216726	33.450	ng		98
35) Caprolactam	8.60	113	152658m	39.329	ng		
36) 4-Chloro-3-methylphenol	8.72	107	476854	37.972	ng		95
37) 2-Methylnaphthalene	8.88	142	1028422	36.671	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	383285	36.694	ng		99
40) Hexachlorocyclopentadiene	9.03	237	110272	22.207	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	278854	40.644	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	295273	38.184	ng		94
45) 1,1'-Biphenyl	9.35	154	1112501	34.430	ng		99
46) 2-Chloronaphthalene	9.37	162	883894	34.747	ng		98
47) 2-Nitroaniline	9.46	65	324716	41.847	ng		90
48) Acenaphthylene	9.79	152	1293048	32.727	ng		99
49) Dimethylphthalate	9.65	163	1250432	41.804	ng		99
50) 2,6-Dinitrotoluene	9.70	165	224789	39.500	ng		95
51) Acenaphthene	9.96	154	804095	34.032	ng		98
52) 3-Nitroaniline	9.87	138	211120	30.150	ng		91
53) 2,4-Dinitrophenol	9.97	184	12946	19.167	ng	#	21
54) Dibenzofuran	10.13	168	1179720	35.429	ng		98
55) 4-Nitrophenol	10.03	139	363700	64.049	ng		92
56) 2,4-Dinitrotoluene	10.10	165	287982	38.390	ng		95
57) Fluorene	10.47	166	850407	35.102	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	205997	38.436	ng		98
59) Diethylphthalate	10.34	149	995736	33.713	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	380040	35.461	ng		98
61) 4-Nitroaniline	10.49	138	221557	33.241	ng		91
62) Azobenzene	10.62	77	953373	32.311	ng		94
64) 4,6-Dinitro-2-methylphenol	10.51	198	20976	16.825	ng		93
65) n-Nitrosodiphenylamine	10.58	169	794440	39.787	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	236242	39.452	ng		96
67) Hexachlorobenzene	11.02	284	233868	35.402	ng		98
68) Atrazine	11.10	200	235354	39.954	ng		98
69) Pentachlorophenol	11.21	266	214182	55.232	ng		99
70) Phenanthrene	11.43	178	1427333	45.273	ng		100
71) Anthracene	11.49	178	1194423	37.249	ng		100
72) Carbazole	11.64	167	1072738	34.147	ng		100
73) Di-n-butylphthalate	11.97	149	1478799	38.752	ng		99
74) Fluoranthene	12.62	202	1359004	42.844	ng		99
76) Benzidine	12.74	184	351431	23.100	ng		97
77) Pyrene	12.85	202	1287696	49.610	ng		100
79) Butylbenzylphthalate	13.46	149	507860	41.056	ng		100
80) Benzo(a)anthracene	14.04	228	959124	46.073	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	241796	31.326	ng		99
82) Chrysene	14.07	228	898526	42.817	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	695224	43.723	ng		99
84) Di-n-octyl phthalate	14.63	149	1128599	47.271	ng		98
85) Indeno(1,2,3-cd)pyrene	17.02	276	691407	39.726	ng		100
87) Benzo(b)fluoranthene	15.09	252	997166m	47.201	ng		
88) Benzo(k)fluoranthene	15.12	252	751879	37.248	ng		99
89) Benzo(a)pyrene	15.47	252	813889	42.801	ng		97
90) Dibenzo(a,h)anthracene	17.04	278	525367	34.038	ng		98
91) Benzo(g,h,i)perylene	17.47	276	556231	36.819	ng		98

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

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