Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103243.D
Acq On : 27 Feb 2018 2:48
Operator : SJ/JU
Sample : J1649-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-SEP-EXC-NW@2.5MS

Manual Integrations APPROVED
Sohil
2/27/2018 12:23:19 PM

Quant Time: Feb 27 04:57:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146782	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	596665	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	240241	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	352104	20.00	ng		0.00
75) Chrysene-d12	14.06	240	218265	20.00	ng		0.00
86) Perylene-d12	15.56	264	163208	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1112913	114.67	ng		0.02
7) Phenol-d6	6.52	99	1328621	111.88	ng		0.02
23) Nitrobenzene-d5	7.45	82	859056	82.22	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	202733	99.70	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1112248	78.25	ng		0.00
78) Terphenyl-d14	12.99	244	813279	89.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	194303	37.907	ng		90
3) Pyridine	3.48	79	545799	39.885	ng		94
4) n-Nitrosodimethylamine	3.42	42	272822	49.434	ng		98
6) Aniline	6.54	93	487883	28.466	ng	#	84
8) 2-Chlorophenol	6.67	128	446808	44.318	ng		98
9) Benzaldehyde	6.43	77	262238	35.044	ng		98
10) Phenol	6.53	94	566488	41.091	ng		84
11) bis(2-Chloroethyl)ether	6.61	93	462799	44.230	ng		91
12) 1,3-Dichlorobenzene	6.82	146	468549	40.668	ng		97
13) 1,4-Dichlorobenzene	6.89	146	472273	40.885	ng		98
14) 1,2-Dichlorobenzene	7.05	146	435160	40.856	ng		99
15) Benzyl Alcohol	7.02	79	358226	40.030	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	755435	42.044	ng		91
17) 2-Methylphenol	7.13	107	381528	41.642	ng		96
18) Hexachloroethane	7.38	117	108631	25.833	ng	#	89
19) n-Nitroso-di-n-propylamine	7.29	70	298970	40.451	ng		98
20) 3+4-Methylphenols	7.29	107	429487	38.455	ng	#	65
22) Acetophenone	7.29	105	578273	41.521	ng	#	89
24) Nitrobenzene	7.46	77	477120	41.477	ng		99
25) Isophorone	7.70	82	908016	44.127	ng		98
26) 2-Nitrophenol	7.77	139	144413	26.668	ng		94
27) 2,4-Dimethylphenol	7.82	122	392491	47.417	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	565205	46.718	ng		99
29) 2,4-Dichlorophenol	8.02	162	349963	44.160	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	344585	40.832	ng		100
31) Naphthalene	8.18	128	1210560	41.441	ng		99
32) Benzoic acid	7.92	122	90685	19.554	ng		98
33) 4-Chloroaniline	8.23	127	312149	24.763	ng		99
34) Hexachlorobutadiene	8.29	225	174525	39.713	ng		99
35) Caprolactam	8.61	113	127621m	45.821	ng		
36) 4-Chloro-3-methylphenol	8.72	107	382637	42.807	ng		96
37) 2-Methylnaphthalene	8.87	142	772314	40.909	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	292977	44.609	ng		100
40) Hexachlorocyclopentadiene	9.02	237	2940	10.011	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	202803	45.891	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	208703	41.061	ng		97
45) 1,1'-Biphenyl	9.34	154	866574	43.047	ng		98
46) 2-Chloronaphthalene	9.36	162	686216	43.087	ng		99
47) 2-Nitroaniline	9.46	65	295593	50.105	ng		88
48) Acenaphthylene	9.78	152	1003314	40.944	ng		99
49) Dimethylphthalate	9.63	163	923600	47.923	ng		100
50) 2,6-Dinitrotoluene	9.70	165	135459	33.493	ng		97
51) Acenaphthene	9.95	154	575195	40.255	ng		99
52) 3-Nitroaniline	9.87	138	242649	47.289	ng		99
53) 2,4-Dinitrophenol	10.00	184	1260	10.380	ng	#	34
54) Dibenzofuran	10.12	168	855510	43.616	ng		96
55) 4-Nitrophenol	10.05	139	215963	67.909	ng		90
56) 2,4-Dinitrotoluene	10.11	165	149992	29.324	ng	#	91
57) Fluorene	10.47	166	634523	37.975	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	141450	41.427	ng		97
59) Diethylphthalate	10.33	149	775041	42.047	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	295272	41.671	ng		95
61) 4-Nitroaniline	10.49	138	235041	45.860	ng		96
62) Azobenzene	10.62	77	732903	39.063	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	1632	5.629	ng	#	66
65) n-Nitrosodiphenylamine	10.57	169	583946	47.631	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	170321	46.436	ng		95
67) Hexachlorobenzene	11.02	284	169135	42.484	ng		92
68) Atrazine	11.10	200	127515	34.605	ng		97
69) Pentachlorophenol	11.22	266	131949	68.547	ng		97
70) Phenanthrene	11.43	178	832436	42.959	ng		98
71) Anthracene	11.49	178	846756	42.614	ng		99
72) Carbazole	11.64	167	819131	41.396	ng		99
73) Di-n-butylphthalate	11.96	149	1106661	44.695	ng		100
74) Fluoranthene	12.63	202	801732	41.173	ng		99
76) Benzidine	12.75	184	579731	71.046	ng		98
77) Pyrene	12.86	202	794654	46.697	ng		100
79) Butylbenzylphthalate	13.46	149	435938	48.487	ng		97
80) Benzo(a)anthracene	14.04	228	609344	43.027	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	247223	48.916	ng		97
82) Chrysene	14.09	228	575888	41.880	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	572436	47.180	ng		99
84) Di-n-octyl phthalate	14.64	149	935515	47.723	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	443378	40.728	ng		98
87) Benzo(b)fluoranthene	15.12	252	506071	47.161	ng		97
88) Benzo(k)fluoranthene	15.14	252	438255	43.371	ng		98
89) Benzo(a)pyrene	15.49	252	430704	44.946	ng		97
90) Dibenzo(a,h)anthracene	17.09	278	374791	50.616	ng		97
91) Benzo(g,h,i)perylene	17.54	276	369536	51.063	ng		99

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

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