Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103025.D
Acq On : 15 Feb 2018 18:43
Operator : SJ/JU
Sample : J1540-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MS

Manual Integrations APPROVED
Sohil
2/16/2018 2:31:19 PM

Quant Time: Feb 16 01:00:37 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	165858	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	664467	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	276268	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	274516	20.00	ng		0.02
75) Chrysene-d12	14.12	240	98138	20.00	ng		0.06
86) Perylene-d12	15.62	264	180158	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1248115	114.28	ng		0.01
7) Phenol-d6	6.52	99	1492818	113.52	ng		0.01
23) Nitrobenzene-d5	7.45	82	947234	98.89	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	209479	94.21	ng		0.01
44) 2-Fluorobiphenyl	9.24	172	1417530	85.14	ng		0.00
78) Terphenyl-d14	13.01	244	808821	195.14	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	189444	35.119	ng		89
3) Pyridine	3.46	79	554756	37.223	ng		90
4) n-Nitrosodimethylamine	3.40	42	261734	41.046	ng		97
6) Aniline	6.55	93	285544	14.704	ng		93
8) 2-Chlorophenol	6.67	128	457173	40.661	ng		94
9) Benzaldehyde	6.43	77	107923	11.051	ng		98
10) Phenol	6.53	94	625042	44.352	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	476106	40.600	ng		92
12) 1,3-Dichlorobenzene	6.82	146	486516	37.366	ng		99
13) 1,4-Dichlorobenzene	6.90	146	490979	37.855	ng		99
14) 1,2-Dichlorobenzene	7.05	146	444136	36.765	ng		99
15) Benzyl Alcohol	7.02	79	402558	39.818	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	811459	36.427	ng		99
17) 2-Methylphenol	7.13	107	391939	37.791	ng		100
18) Hexachloroethane	7.39	117	147926	33.260	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	304703	35.144	ng		95
20) 3+4-Methylphenols	7.29	107	463510	36.241	ng	#	68
22) Acetophenone	7.29	105	610256	37.531	ng	#	92
24) Nitrobenzene	7.46	77	489998	43.487	ng		98
25) Isophorone	7.70	82	908248	41.179	ng		97
26) 2-Nitrophenol	7.77	139	148569	34.968	ng		94
27) 2,4-Dimethylphenol	7.82	122	390169	41.872	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	578094	44.245	ng		99
29) 2,4-Dichlorophenol	8.02	162	362044	42.740	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	369975	38.608	ng		99
31) Naphthalene	8.19	128	2220627	68.402	ng		99
32) Benzoic acid	7.90	122	104641m	23.005	ng		
33) 4-Chloroaniline	8.23	127	138374	9.894	ng		97
34) Hexachlorobutadiene	8.30	225	188725	38.433	ng		99
35) Caprolactam	8.61	113	121814	41.408	ng	#	78
36) 4-Chloro-3-methylphenol	8.72	107	385689	40.523	ng		97
37) 2-Methylnaphthalene	8.88	142	1227980	57.774	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	313254	41.643	ng		99
42) 2,4,6-Trichlorophenol	9.16	196	215555	43.627	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	219972	39.501	ng		97
45) 1,1'-Biphenyl	9.34	154	1067272	45.866	ng		100
46) 2-Chloronaphthalene	9.37	162	710942	38.809	ng		98
47) 2-Nitroaniline	9.46	65	298964	52.533	ng		86
48) Acenaphthylene	9.78	152	1099510	38.643	ng		98
49) Dimethylphthalate	9.63	163	949772	44.091	ng		99
50) 2,6-Dinitrotoluene	9.71	165	132864	32.420	ng		98
51) Acenaphthene	9.97	154	2086950	122.649	ng		99
52) 3-Nitroaniline	9.88	138	194843	38.639	ng		96
53) 2,4-Dinitrophenol	10.00	184	2389	11.159	ng	#	1
54) Dibenzofuran	10.13	168	2508700	104.618	ng		95
55) 4-Nitrophenol	10.05	139	271625	66.274	ng		94
56) 2,4-Dinitrotoluene	10.12	165	131853	25.528	ng	#	83
57) Fluorene	10.49	166	2417282	138.550	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	142317	36.873	ng	#	77
59) Diethylphthalate	10.34	149	749919	35.257	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	261237	33.848	ng		99
61) 4-Nitroaniline	10.49	138	177661	37.014	ng		90
62) Azobenzene	10.62	77	665253	31.308	ng	#	74
64) 4,6-Dinitro-2-methylphenol	10.55	198	2780	11.031	ng	#	1
65) n-Nitrosodiphenylamine	10.58	169	646016	66.717	ng		93
66) 4-Bromophenyl-phenylether	10.95	248	166900	57.475	ng		94
67) Hexachlorobenzene	11.04	284	172818	53.946	ng		94
68) Atrazine	11.13	200	137811	48.243	ng		98
69) Pentachlorophenol	11.25	266	141172	75.071	ng		99
70) Phenanthrene	11.46	178	8853639	579.095	ng		99
71) Anthracene	11.53	178	4153867	267.128	ng		98
72) Carbazole	11.66	167	3061426	200.957	ng		97
73) Di-n-butylphthalate	11.97	149	957621	51.748	ng		99
74) Fluoranthene	12.66	202	5042554	327.816	ng		98
76) Benzidine	12.79	184	9403	2.085	ng	#	11
77) Pyrene	12.92	202	3028038	393.479	ng		97
79) Butylbenzylphthalate	13.47	149	343762	92.418	ng		95
80) Benzo(a)anthracene	14.10	228	4981153	807.062	ng		97
81) 3,3'-Dichlorobenzidine	14.05	252	76166	33.283	ng	#	94
82) Chrysene	14.14	228	2959853m	475.735	ng		
83) Bis(2-ethylhexyl)phthalate	14.04	149	451369	95.746	ng		99
84) Di-n-octyl phthalate	14.65	149	658053	92.965	ng	#	100
85) Indeno(1,2,3-cd)pyrene	17.19	276	3011791	583.669	ng	#	92
87) Benzo(b)fluoranthene	15.19	252	4829808m	413.500	ng		
88) Benzo(k)fluoranthene	15.22	252	1202107m	107.712	ng		
89) Benzo(a)pyrene	15.57	252	3304744	314.327	ng		95
90) Dibenzo(a,h)anthracene	17.17	278	973477m	114.075	ng		
91) Benzo(g,h,i)perylene	17.65	276	2817525	337.321	ng		97

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

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