Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102591.D
Acq On : 29 Jan 2018 12:20
Operator : SJ/JU
Sample : J1257-01MS 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11(0-5)MS

Manual Integrations APPROVED
Sohil
1/30/2018 3:36:24 PM

Quant Time: Jan 30 00:45:08 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	160366	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	658979	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	266850	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	380175	20.00	ng		0.00
75) Chrysene-d12	13.89	240	248686	20.00	ng		0.00
86) Perylene-d12	15.33	264	274545	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	289344	27.36	ng		0.00
7) Phenol-d6	6.36	99	347064	27.22	ng		0.00
23) Nitrobenzene-d5	7.27	82	209461	18.27	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	54005	20.42	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	367559	20.25	ng		0.00
78) Terphenyl-d14	12.82	244	222694	20.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	40373	8.034	ng		98
3) Pyridine	3.07	79	98999	7.539	ng		97
4) n-Nitrosodimethylamine	3.00	42	48915	9.501	ng	#	99
6) Aniline	6.37	93	67240	3.987	ng	#	3
8) 2-Chlorophenol	6.50	128	110255	9.945	ng		97
9) Benzaldehyde	6.26	77	52147m	5.819	ng		
10) Phenol	6.37	94	149635	10.749	ng		89
11) bis(2-Chloroethyl)ether	6.45	93	106064	10.018	ng		95
12) 1,3-Dichlorobenzene	6.65	146	119242	9.043	ng		98
13) 1,4-Dichlorobenzene	6.73	146	120566	9.128	ng		99
14) 1,2-Dichlorobenzene	6.88	146	115191	9.534	ng		99
15) Benzyl Alcohol	6.86	79	88634	9.852	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	179353	10.100	ng		61
17) 2-Methylphenol	6.98	107	91821	9.536	ng	#	94
18) Hexachloroethane	7.22	117	41523	9.022	ng		89
19) n-Nitroso-di-n-propylamine	7.12	70	85951	11.015	ng		98
20) 3+4-Methylphenols	7.14	107	124556	10.999	ng		96
22) Acetophenone	7.12	105	171570	10.922	ng	#	98
24) Nitrobenzene	7.30	77	113354	9.659	ng		95
25) Isophorone	7.53	82	196585	9.616	ng		98
26) 2-Nitrophenol	7.62	139	46216	7.483	ng		98
27) 2,4-Dimethylphenol	7.66	122	97562	10.878	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	137762	10.909	ng		91
29) 2,4-Dichlorophenol	7.87	162	88526	9.690	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	89403	9.130	ng		99
31) Naphthalene	8.02	128	371179	11.281	ng		100
33) 4-Chloroaniline	8.08	127	70364	5.086	ng		96
34) Hexachlorobutadiene	8.13	225	45187	8.640	ng		96
35) Caprolactam	8.42	113	31200	10.341	ng	#	78
36) 4-Chloro-3-methylphenol	8.57	107	98556	10.235	ng		98
37) 2-Methylnaphthalene	8.71	142	232401	10.606	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	80135	9.981	ng		98
42) 2,4,6-Trichlorophenol	9.00	196	53365	9.929	ng		100
43) 2,4,5-Trichlorophenol	9.05	196	56921	9.406	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.17	154	257977	10.812	ng		99
46) 2-Chloronaphthalene	9.20	162	190351	10.263	ng		97
47) 2-Nitroaniline	9.30	65	63474	10.977	ng		100
48) Acenaphthylene	9.61	152	288091	9.970	ng		100
49) Dimethylphthalate	9.47	163	263418	11.943	ng		99
50) 2,6-Dinitrotoluene	9.54	165	39762	8.361	ng		96
51) Acenaphthene	9.78	154	195741	11.599	ng		99
52) 3-Nitroaniline	9.72	138	44742	7.953	ng		87
54) Dibenzofuran	9.96	168	273102	11.958	ng		99
55) 4-Nitrophenol	9.90	139	37514	10.102	ng		91
56) 2,4-Dinitrotoluene	9.95	165	48095	8.224	ng	#	76
57) Fluorene	10.30	166	244390	13.504	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	33686	7.797	ng	#	97
59) Diethylphthalate	10.17	149	202119	9.430	ng		96
60) 4-Chlorophenyl-phenylether	10.29	204	79287	10.105	ng		94
61) 4-Nitroaniline	10.32	138	43274	7.709	ng		93
62) Azobenzene	10.45	77	178427	9.092	ng		98
65) n-Nitrosodiphenylamine	10.41	169	159720	11.446	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	43162	10.546	ng		95
67) Hexachlorobenzene	10.85	284	40907	8.937	ng		93
68) Atrazine	10.95	200	46683	11.327	ng		98
69) Pentachlorophenol	11.06	266	20107	8.363	ng		96
70) Phenanthrene	11.26	178	777646	35.102	ng		99
71) Anthracene	11.32	178	407288	18.012	ng		100
72) Carbazole	11.47	167	240923	10.921	ng		98
73) Di-n-butylphthalate	11.80	149	283949	10.298	ng		100
74) Fluoranthene	12.46	202	924230	40.911	ng		99
77) Pyrene	12.69	202	818385	42.563	ng		99
79) Butylbenzylphthalate	13.30	149	83907	8.769	ng		97
80) Benzo(a)anthracene	13.88	228	499410	32.618	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	26272	4.678	ng	#	85
82) Chrysene	13.92	228	451936	29.067	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	161991	12.597	ng		96
84) Di-n-octyl phthalate	14.47	149	206978	9.897	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.74	276	320492	24.959	ng		98
87) Benzo(b)fluoranthene	14.92	252	610159	34.289	ng	#	90
88) Benzo(k)fluoranthene	14.94	252	237400m	14.121	ng		
89) Benzo(a)pyrene	15.27	252	449720	28.022	ng	#	91
90) Dibenzo(a,h)anthracene	16.74	278	160000	12.307	ng	#	91
91) Benzo(g,h,i)perylene	17.16	276	280255	21.833	ng	#	92

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