Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102468.D
Acq On : 26 Jan 2018 15:06
Operator : SJ/JU
Sample : J1257-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
1/27/2018 1:46:44 PM

Quant Time: Jan 26 16:57:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 16:18:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152820	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	617602	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	249453	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	287304	20.00	ng		0.02
75) Chrysene-d12	13.95	240	109108	20.00	ng		0.07
86) Perylene-d12	15.41	264	140787	20.00	ng		0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	207292	20.57	ng		0.00
7) Phenol-d6	6.37	99	248967	20.49	ng		0.00
23) Nitrobenzene-d5	7.29	82	142860	13.29	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	32750	13.25	ng		0.01
44) 2-Fluorobiphenyl	9.07	172	253456	14.94	ng		0.00
78) Terphenyl-d14	12.86	244	98458	20.34	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	161104	33.642	ng		97
3) Pyridine	3.06	79	453851	36.266	ng		95
4) n-Nitrosodimethylamine	3.02	42	226904	46.249	ng		98
6) Aniline	6.43	93	395741m	24.623	ng		
8) 2-Chlorophenol	6.51	128	457744	43.326	ng		97
9) Benzaldehyde	6.27	77	226470	31.228	ng	#	72
10) Phenol	6.38	94	613611	46.257	ng		93
11) bis(2-Chloroethyl)ether	6.46	93	440013	43.612	ng		98
12) 1,3-Dichlorobenzene	6.66	146	469496	37.365	ng		98
13) 1,4-Dichlorobenzene	6.74	146	470612	37.389	ng		98
14) 1,2-Dichlorobenzene	6.89	146	452534	39.306	ng		100
15) Benzyl Alcohol	6.87	79	355454	41.461	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	631897	37.343	ng		60
17) 2-Methylphenol	6.99	107	341294	37.195	ng	#	88
18) Hexachloroethane	7.23	117	135400	30.870	ng		96
19) n-Nitroso-di-n-propylamine	7.14	70	307154	41.306	ng		99
20) 3+4-Methylphenols	7.15	107	451697	41.856	ng		96
22) Acetophenone	7.13	105	620199	42.126	ng		99
24) Nitrobenzene	7.31	77	429880	39.086	ng		94
25) Isophorone	7.55	82	811931	42.378	ng		98
26) 2-Nitrophenol	7.62	139	119057	20.568	ng		98
27) 2,4-Dimethylphenol	7.67	122	385922	45.915	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	523368	44.220	ng	#	90
29) 2,4-Dichlorophenol	7.87	162	369635	43.173	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	345101	37.602	ng		98
31) Naphthalene	8.03	128	1536736	49.836	ng		99
32) Benzoic acid	7.77	122	16964	2.409	ng	#	27
33) 4-Chloroaniline	8.10	127	310345	23.934	ng		100
34) Hexachlorobutadiene	8.14	225	180076	36.736	ng		99
35) Caprolactam	8.46	113	114037	40.330	ng	#	69
36) 4-Chloro-3-methylphenol	8.58	107	353148	39.131	ng		97
37) 2-Methylnaphthalene	8.72	142	968438	47.158	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	297263	39.608	ng		98
42) 2,4,6-Trichlorophenol	9.00	196	203587	40.522	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	207737	36.724	ng		96
45) 1,1'-Biphenyl	9.19	154	930291	41.707	ng		99
46) 2-Chloronaphthalene	9.21	162	659361	38.031	ng		99
47) 2-Nitroaniline	9.32	65	251396	46.510	ng		98
48) Acenaphthylene	9.62	152	1156244	42.807	ng		97
49) Dimethylphthalate	9.49	163	1022488	49.590	ng		100
50) 2,6-Dinitrotoluene	9.56	165	119204	26.815	ng	#	84
51) Acenaphthene	9.80	154	807560	51.192	ng		100
52) 3-Nitroaniline	9.73	138	200556	38.137	ng		92
53) 2,4-Dinitrophenol	9.84	184	108	3.747	ng	#	1
54) Dibenzofuran	9.97	168	1189941	55.736	ng		96
55) 4-Nitrophenol	9.90	139	204604	58.940	ng		95
56) 2,4-Dinitrotoluene	9.96	165	114883	21.015	ng	#	88
57) Fluorene	10.32	166	1093734	64.651	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	133539	33.063	ng		99
59) Diethylphthalate	10.19	149	715376	35.704	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	265015	36.132	ng		98
61) 4-Nitroaniline	10.34	138	193945	36.959	ng		94
62) Azobenzene	10.46	77	782447	42.653	ng		88
65) n-Nitrosodiphenylamine	10.42	169	572910	54.329	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	146216	47.276	ng		98
67) Hexachlorobenzene	10.87	284	139191	40.241	ng		98
68) Atrazine	10.98	200	147304	47.297	ng		92
69) Pentachlorophenol	11.07	266	117404	64.612	ng		98
70) Phenanthrene	11.30	178	3689030	220.348	ng		99
71) Anthracene	11.35	178	2011047	117.686	ng		99
72) Carbazole	11.50	167	882582	52.941	ng		97
73) Di-n-butylphthalate	11.82	149	803562	38.562	ng		98
74) Fluoranthene	12.51	202	3567010	208.932	ng		98
77) Pyrene	12.74	202	2845163	337.271	ng		98
79) Butylbenzylphthalate	13.33	149	206319	49.145	ng		93
80) Benzo(a)anthracene	13.93	228	1698416	252.837	ng	#	93
81) 3,3'-Dichlorobenzidine	13.89	252	42718	17.336	ng	#	72
82) Chrysene	13.98	228	997995	146.302	ng	#	95
83) Bis(2-ethylhexyl)phthalate	13.90	149	378533	67.094	ng	#	96
84) Di-n-octyl phthalate	14.52	149	408696	44.544	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.86	276	1235457	219.300	ng	#	92
87) Benzo(b)fluoranthene	15.00	252	2109863m	231.215	ng		
88) Benzo(k)fluoranthene	15.03	252	147466m	17.105	ng		
89) Benzo(a)pyrene	15.37	252	1290384m	156.793	ng		
90) Dibenzo(a,h)anthracene	16.86	278	499255	74.889	ng	#	89
91) Benzo(g,h,i)perylene	17.29	276	1108186	168.353	ng		95

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

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