Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101179.D
Acq On : 6 Dec 2017 20:26
Operator : SJ/JU
Sample : I6738-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Manual Integrations APPROVED
Sohil
12/7/2017 11:36:01 AM

Quant Time: Dec 07 00:52:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	45121	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	175007	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	74471	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	109804	20.00	ng	0.01
75) Chrysene-d12	14.03	240	98645	20.00	ng	0.00
86) Perylene-d12	15.50	264	99330	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	299381	109.64	ng	0.01
7) Phenol-d6	6.49	99	359402	108.41	ng	0.00
23) Nitrobenzene-d5	7.42	82	216733	73.88	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	79742	89.14	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	445096	81.77	ng	0.00
78) Terphenyl-d14	12.96	244	308914	68.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	32510	28.792	ng	# 94
3) Pyridine	3.43	79	63176m	21.583	ng	
4) n-Nitrosodimethylamine	3.36	42	49730	34.785	ng	# 88
6) Aniline	6.52	93	101271	23.491	ng	98
8) 2-Chlorophenol	6.64	128	107642	36.155	ng	94
9) Benzaldehyde	6.40	77	37561	18.512	ng	90
10) Phenol	6.50	94	142439	38.641	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	99942	36.146	ng	99
12) 1,3-Dichlorobenzene	6.79	146	122958	35.468	ng	98
13) 1,4-Dichlorobenzene	6.86	146	123692	34.462	ng	99
14) 1,2-Dichlorobenzene	7.02	146	115315	34.445	ng	96
15) Benzyl Alcohol	6.99	79	89327	34.887	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	152251	40.509	ng	95
17) 2-Methylphenol	7.10	107	86742	36.081	ng	98
18) Hexachloroethane	7.36	117	36313	31.491	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	73093	32.738	ng	96
20) 3+4-Methylphenols	7.26	107	111601	35.595	ng	# 71
22) Acetophenone	7.26	105	142748	33.762	ng	# 93
24) Nitrobenzene	7.43	77	105714	36.766	ng	99
25) Isophorone	7.67	82	192925	38.499	ng	98
26) 2-Nitrophenol	7.75	139	54091	34.270	ng	93
27) 2,4-Dimethylphenol	7.79	122	91325	39.997	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	121486	36.071	ng	98
29) 2,4-Dichlorophenol	7.99	162	93404	37.582	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	98857	36.173	ng	95
31) Naphthalene	8.16	128	302991	35.128	ng	98
32) Benzoic acid	7.90	122	39874	22.453	ng	98
33) 4-Chloroaniline	8.20	127	73695	21.264	ng	98
34) Hexachlorobutadiene	8.26	225	58156	34.696	ng	97
35) Caprolactam	8.58	113	24353	31.441	ng	90
36) 4-Chloro-3-methylphenol	8.69	107	89069	34.597	ng	92
37) 2-Methylnaphthalene	8.85	142	203289	34.687	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	92551	34.210	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	13546	20.506	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	62038	39.118	ng		97
43) 2,4,5-Trichlorophenol	9.17	196	64103	37.808	ng	#	90
45) 1,1'-Biphenyl	9.31	154	235226	34.475	ng		96
46) 2-Chloronaphthalene	9.33	162	182856	37.737	ng		98
47) 2-Nitroaniline	9.43	65	54308	37.881	ng		99
48) Acenaphthylene	9.75	152	268631	33.734	ng		99
49) Dimethylphthalate	9.61	163	251347	41.850	ng		98
50) 2,6-Dinitrotoluene	9.67	165	44295	35.016	ng		98
51) Acenaphthene	9.92	154	158562	33.253	ng		98
52) 3-Nitroaniline	9.85	138	46495	32.684	ng		94
53) 2,4-Dinitrophenol	9.96	184	9327	18.300	ng	#	26
54) Dibenzofuran	10.10	168	233726	34.014	ng		98
55) 4-Nitrophenol	10.02	139	53862	56.143	ng		89
56) 2,4-Dinitrotoluene	10.09	165	52844	31.171	ng	#	92
57) Fluorene	10.44	166	174717	31.278	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	44607	32.859	ng	#	85
59) Diethylphthalate	10.31	149	198114	33.443	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	88069	31.932	ng		97
61) 4-Nitroaniline	10.46	138	38537	26.097	ng		98
62) Azobenzene	10.59	77	159271	31.681	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	8971	12.181	ng	#	82
65) n-Nitrosodiphenylamine	10.55	169	163895	42.309	ng		93
66) 4-Bromophenyl-phenylether	10.92	248	53317	43.380	ng		91
67) Hexachlorobenzene	11.00	284	48926	37.142	ng	#	86
68) Atrazine	11.08	200	52410	44.106	ng		93
69) Pentachlorophenol	11.19	266	41489	57.283	ng		99
70) Phenanthrene	11.41	178	219728	36.338	ng		99
71) Anthracene	11.46	178	219904	35.932	ng		98
72) Carbazole	11.62	167	187939	33.611	ng		99
73) Di-n-butylphthalate	11.94	149	262726	37.486	ng		99
74) Fluoranthene	12.60	202	214721	32.034	ng		95
76) Benzidine	12.72	184	20861	6.503	ng	#	85
77) Pyrene	12.83	202	215550	31.667	ng		99
79) Butylbenzylphthalate	13.43	149	93656	31.208	ng		92
80) Benzo(a)anthracene	14.02	228	211605	33.975	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	55548	25.752	ng	#	96
82) Chrysene	14.05	228	204570	35.366	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	131987	30.845	ng		98
84) Di-n-octyl phthalate	14.60	149	227572	31.942	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	199265	38.748	ng	#	92
87) Benzo(b)fluoranthene	15.07	252	201958	33.945	ng		98
88) Benzo(k)fluoranthene	15.10	252	209070	35.667	ng	#	96
89) Benzo(a)pyrene	15.44	252	192484	35.586	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	167176	35.058	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	155899	34.691	ng	#	92

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

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