Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101077.D
Acq On : 1 Dec 2017 21:32
Operator : SJ/JU
Sample : I6622-12MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MS

Manual Integrations APPROVED
Sohil
12/4/2017 11:56:53 AM

Quant Time: Dec 04 01:15:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	56359	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	216480	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	96237	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	159743	20.00	ng		0.00
75) Chrysene-d12	14.02	240	120054	20.00	ng		0.00
86) Perylene-d12	15.49	264	110369	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	455650	133.60	ng		0.03
7) Phenol-d6	6.52	99	549087	132.60	ng		0.04
23) Nitrobenzene-d5	7.42	82	338168	93.19	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	128815	111.42	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	700050	99.53	ng		0.00
78) Terphenyl-d14	12.96	244	522400	95.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	50506	35.811	ng	#	91
3) Pyridine	3.47	79	145193	39.713	ng		95
4) n-Nitrosodimethylamine	3.41	42	84978	47.588	ng	#	89
6) Aniline	6.52	93	103304	19.185	ng	#	50
8) 2-Chlorophenol	6.65	128	170318	45.799	ng		93
9) Benzaldehyde	6.40	77	74668	29.462	ng		94
10) Phenol	6.53	94	214463	46.578	ng		95
11) bis(2-Chloroethyl)ether	6.59	93	154530	44.744	ng		99
12) 1,3-Dichlorobenzene	6.79	146	188942	43.634	ng		96
13) 1,4-Dichlorobenzene	6.87	146	190604	42.516	ng		97
14) 1,2-Dichlorobenzene	7.02	146	174922	41.831	ng		98
15) Benzyl Alcohol	7.02	79	142480	44.550	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	238642	50.835	ng	#	21
17) 2-Methylphenol	7.12	107	137313	45.728	ng	#	87
18) Hexachloroethane	7.36	117	54669	37.956	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	118347	42.438	ng		94
20) 3+4-Methylphenols	7.28	107	184034	46.993	ng		92
22) Acetophenone	7.26	105	230357	44.045	ng	#	98
24) Nitrobenzene	7.44	77	166842	46.910	ng		98
25) Isophorone	7.68	82	307850	49.664	ng		99
26) 2-Nitrophenol	7.75	139	85222	43.649	ng		98
27) 2,4-Dimethylphenol	7.79	122	149321	52.868	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	194248	46.625	ng		99
29) 2,4-Dichlorophenol	8.00	162	148963	48.453	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	155295	45.938	ng		96
31) Naphthalene	8.16	128	477031	44.711	ng		99
32) Benzoic acid	7.89	122	18206	8.288	ng		94
33) 4-Chloroaniline	8.21	127	84408	19.690	ng		97
34) Hexachlorobutadiene	8.26	225	93582	45.135	ng		95
35) Caprolactam	8.59	113	37958m	39.618	ng		
36) 4-Chloro-3-methylphenol	8.70	107	145956	45.832	ng		97
37) 2-Methylnaphthalene	8.85	142	328729	45.345	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	152337	43.574	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	25636	26.235	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	100207	48.895	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	105663	48.226	ng	#	89
45) 1,1'-Biphenyl	9.31	154	383331	43.475	ng		97
46) 2-Chloronaphthalene	9.34	162	302709	48.342	ng		95
47) 2-Nitroaniline	9.44	65	90708	48.961	ng		99
48) Acenaphthylene	9.75	152	448952	43.627	ng		99
49) Dimethylphthalate	9.61	163	417040	53.733	ng		99
50) 2,6-Dinitrotoluene	9.68	165	76245	46.642	ng		89
51) Acenaphthene	9.92	154	264481	42.922	ng		98
52) 3-Nitroaniline	9.85	138	70164	38.167	ng		87
53) 2,4-Dinitrophenol	9.96	184	3010	8.192	ng	#	10
54) Dibenzofuran	10.10	168	396343	44.634	ng		97
55) 4-Nitrophenol	10.02	139	98409	79.376	ng		97
56) 2,4-Dinitrotoluene	10.09	165	94043	42.927	ng	#	93
57) Fluorene	10.44	166	306696	42.487	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	73905	42.128	ng	#	84
59) Diethylphthalate	10.31	149	346093	45.210	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	154397	43.320	ng		94
61) 4-Nitroaniline	10.46	138	70776	37.089	ng		96
62) Azobenzene	10.59	77	282717	43.517	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	5749	5.366	ng		89
65) n-Nitrosodiphenylamine	10.55	169	285834	50.720	ng		94
66) 4-Bromophenyl-phenylether	10.92	248	94004	52.573	ng		90
67) Hexachlorobenzene	10.99	284	90104	47.019	ng	#	90
68) Atrazine	11.07	200	88106	50.967	ng		99
69) Pentachlorophenol	11.18	266	67436	64.000	ng		97
70) Phenanthrene	11.40	178	397583	45.195	ng		98
71) Anthracene	11.46	178	403241	45.291	ng		98
72) Carbazole	11.61	167	344976	42.408	ng		99
73) Di-n-butylphthalate	11.93	149	478744	46.953	ng		99
74) Fluoranthene	12.59	202	367799	37.718	ng		95
76) Benzidine	12.72	184	227944	58.388	ng		97
77) Pyrene	12.82	202	374336	45.187	ng		98
79) Butylbenzylphthalate	13.43	149	162959	44.617	ng		96
80) Benzo(a)anthracene	14.01	228	347375	45.828	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	123700	47.121	ng		97
82) Chrysene	14.05	228	328075	46.604	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	227801	43.743	ng		100
84) Di-n-octyl phthalate	14.60	149	391027	45.097	ng		98
85) Indeno(1,2,3-cd)pyrene	16.98	276	252381	40.325	ng	#	93
87) Benzo(b)fluoranthene	15.06	252	310941	47.035	ng		98
88) Benzo(k)fluoranthene	15.09	252	316582	48.607	ng	#	97
89) Benzo(a)pyrene	15.43	252	283209	47.122	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	217368	41.025	ng	#	95
91) Benzo(g,h,i)perylene	17.42	276	200996	40.253	ng	#	92

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

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