Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100072.D
Acq On : 2 Nov 2017 4:25
Operator : SJ/JU
Sample : I6092-03MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Manual Integrations APPROVED
Sohil
11/2/2017 4:30:10 PM

Quant Time: Nov 02 14:53:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 14:34:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	80968	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	339694	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	156786	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	255840	20.00	ng		0.00
75) Chrysene-d12	14.31	240	153116	20.00	ng		-0.01
86) Perylene-d12	16.20	264	131435	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	649509	125.94	ng		0.03
7) Phenol-d6	6.43	99	703222	115.00	ng		0.00
23) Nitrobenzene-d5	7.36	82	470618	89.19	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	185481	129.81	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	986577	97.08	ng		0.00
78) Terphenyl-d14	13.02	244	732952	104.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	66487	29.194	ng	#	76
3) Pyridine	3.47	79	118428m	21.624	ng		
4) n-Nitrosodimethylamine	3.37	42	75060	38.363	ng	#	67
6) Aniline	6.46	93	55822	7.040	ng	#	56
8) 2-Chlorophenol	6.57	128	249260	45.348	ng		91
9) Benzaldehyde	6.35	77	64312	17.600	ng		93
10) Phenol	6.45	94	246215	36.672	ng		93
11) bis(2-Chloroethyl)ether	6.52	93	243328	46.932	ng		93
12) 1,3-Dichlorobenzene	6.72	146	270898	43.894	ng		96
13) 1,4-Dichlorobenzene	6.80	146	277315	44.273	ng		96
14) 1,2-Dichlorobenzene	6.95	146	254881	44.648	ng		96
15) Benzyl Alcohol	6.93	79	125009	32.144	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	291219	50.564	ng	#	21
17) 2-Methylphenol	7.05	107	194895	42.389	ng	#	90
18) Hexachloroethane	7.28	117	84748	40.554	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	162235	45.271	ng		90
20) 3+4-Methylphenols	7.21	107	263633	49.245	ng		95
22) Acetophenone	7.20	105	342620	44.297	ng	#	90
24) Nitrobenzene	7.37	77	235622	44.320	ng		89
25) Isophorone	7.61	82	457627	47.797	ng		95
26) 2-Nitrophenol	7.69	139	140157	46.029	ng	#	85
27) 2,4-Dimethylphenol	7.73	122	227301	50.663	ng		93
28) bis(2-Chloroethoxy)methane	7.81	93	284104	42.370	ng		99
29) 2,4-Dichlorophenol	7.94	162	226539	48.606	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	223723	44.926	ng		98
31) Naphthalene	8.09	128	739629	45.107	ng		99
32) Benzoic acid	7.90	122	142851	36.173	ng		93
33) 4-Chloroaniline	8.16	127	47227	6.975	ng		98
34) Hexachlorobutadiene	8.19	225	113747	44.408	ng		98
35) Caprolactam	8.53	113	61746m	42.128	ng		
36) 4-Chloro-3-methylphenol	8.65	107	212547	44.680	ng		90
37) 2-Methylnaphthalene	8.78	142	518731	47.207	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	214328	42.326	ng	#	97
40) Hexachlorocyclopentadiene	8.92	237	12326m	23.431	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	148279	48.410	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	144199	44.363	ng		94
45) 1,1'-Biphenyl	9.25	154	613347	43.243	ng		98
46) 2-Chloronaphthalene	9.27	162	473360	45.954	ng		95
47) 2-Nitroaniline	9.39	65	117028	43.288	ng	#	75
48) Acenaphthylene	9.69	152	686659	43.281	ng		100
49) Dimethylphthalate	9.55	163	568328	45.773	ng		99
50) 2,6-Dinitrotoluene	9.63	165	122519	46.939	ng	#	76
51) Acenaphthene	9.86	154	420455	43.373	ng		98
52) 3-Nitroaniline	9.80	138	38459	12.505	ng		92
53) 2,4-Dinitrophenol	9.93	184	55989	56.178	ng	#	80
54) Dibenzofuran	10.03	168	628368	45.921	ng		98
55) 4-Nitrophenol	9.99	139	94055	58.529	ng	#	79
56) 2,4-Dinitrotoluene	10.04	165	150138	47.763	ng		88
57) Fluorene	10.38	166	503326	44.426	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	112889	49.535	ng	#	91
59) Diethylphthalate	10.25	149	555754	45.835	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	236778	44.406	ng		96
61) 4-Nitroaniline	10.42	138	78667	26.810	ng		82
62) Azobenzene	10.53	77	406093	39.954	ng		88
64) 4,6-Dinitro-2-methylphenol	10.46	198	40670	25.289	ng	#	75
65) n-Nitrosodiphenylamine	10.49	169	270486	28.640	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	138133	51.286	ng	#	88
67) Hexachlorobenzene	10.93	284	131427	47.697	ng	#	86
68) Atrazine	11.02	200	40261	14.192	ng		98
69) Pentachlorophenol	11.14	266	103211	87.659	ng		98
70) Phenanthrene	11.35	178	646502	44.777	ng		98
71) Anthracene	11.40	178	663000	45.238	ng		98
72) Carbazole	11.56	167	402807	29.227	ng		99
73) Di-n-butylphthalate	11.89	149	881579	50.151	ng	#	98
74) Fluoranthene	12.60	202	572746	38.171	ng		99
77) Pyrene	12.86	202	570286	48.982	ng		98
79) Butylbenzylphthalate	13.57	149	298594	52.081	ng		91
80) Benzo(a)anthracene	14.30	228	426634	43.953	ng		99
81) 3,3'-Dichlorobenzidine	14.25	252	20776	5.897	ng		98
82) Chrysene	14.34	228	422474	46.296	ng		97
83) Bis(2-ethylhexyl)phthalate	14.29	149	429696	53.369	ng		98
84) Di-n-octyl phthalate	15.13	149	672648	48.676	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.79	276	342250	40.854	ng		97
87) Benzo(b)fluoranthene	15.70	252	393047	47.358	ng		98
88) Benzo(k)fluoranthene	15.74	252	405075	51.759	ng		97
89) Benzo(a)pyrene	16.13	252	366507	49.161	ng		97
90) Dibenzo(a,h)anthracene	17.79	278	294084	44.393	ng		98
91) Benzo(g,h,i)perylene	18.24	276	271365	41.870	ng		98

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

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