Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100071.D
Acq On : 2 Nov 2017 4:00
Operator : SJ/JU
Sample : I6092-03MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
11/2/2017 4:30:06 PM

Quant Time: Nov 02 14:55:22 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	6.77	152	87267	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	364658	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	167964	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	278076	20.00	ng		0.00
75) Chrysene-d12	14.23	240	161445	20.00	ng		-0.09
86) Perylene-d12	16.03	264	141742	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	678738	122.11	ng		0.03
7) Phenol-d6	6.43	99	729207	110.64	ng		0.00
23) Nitrobenzene-d5	7.35	82	497254	87.79	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	194381	126.99	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1032242	94.82	ng		0.00
78) Terphenyl-d14	12.98	244	762282	103.18	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	75489	30.754	ng	#	77
3) Pyridine	3.46	79	132137m	22.385	ng		
4) n-Nitrosodimethylamine	3.36	42	78490	37.220	ng	#	68
6) Aniline	6.46	93	45542	5.329	ng	#	52
8) 2-Chlorophenol	6.57	128	266389	44.966	ng		90
9) Benzaldehyde	6.35	77	45483	11.548	ng		91
10) Phenol	6.45	94	262011	36.207	ng		92
11) bis(2-Chloroethyl)ether	6.52	93	253429	45.352	ng		93
12) 1,3-Dichlorobenzene	6.72	146	288979	43.444	ng		97
13) 1,4-Dichlorobenzene	6.79	146	297385	44.050	ng		98
14) 1,2-Dichlorobenzene	6.95	146	266189	43.263	ng		96
15) Benzyl Alcohol	6.93	79	148596	35.451	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	314051	50.592	ng	#	21
17) 2-Methylphenol	7.05	107	210701	42.519	ng	#	90
18) Hexachloroethane	7.28	117	91796	40.756	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	174937	45.292	ng		89
20) 3+4-Methylphenols	7.21	107	278052	48.189	ng		95
22) Acetophenone	7.20	105	361132	43.494	ng	#	92
24) Nitrobenzene	7.37	77	252665	44.272	ng		92
25) Isophorone	7.61	82	495971	48.256	ng		96
26) 2-Nitrophenol	7.69	139	149996	45.888	ng	#	84
27) 2,4-Dimethylphenol	7.73	122	244700	50.807	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	317615	44.125	ng		100
29) 2,4-Dichlorophenol	7.94	162	244147	48.798	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	244213	45.683	ng		100
31) Naphthalene	8.09	128	793796	45.096	ng		99
32) Benzoic acid	7.90	122	155609	36.706	ng		95
33) 4-Chloroaniline	8.16	127	38103	5.242	ng		95
34) Hexachlorobutadiene	8.19	225	122890	44.693	ng		99
35) Caprolactam	8.53	113	64585m	41.048	ng		
36) 4-Chloro-3-methylphenol	8.65	107	233600	45.744	ng		93
37) 2-Methylnaphthalene	8.78	142	563061	47.733	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	232248	42.812	ng	#	98
40) Hexachlorocyclopentadiene	8.92	237	16394m	26.326	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	158069	48.171	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	154487	44.366	ng	#	92
45) 1,1'-Biphenyl	9.25	154	669925	44.089	ng		97
46) 2-Chloronaphthalene	9.27	162	508118	46.046	ng		95
47) 2-Nitroaniline	9.38	65	125549	43.349	ng		90
48) Acenaphthylene	9.69	152	750496	44.157	ng		99
49) Dimethylphthalate	9.55	163	618344	46.487	ng		99
50) 2,6-Dinitrotoluene	9.63	165	132306	47.315	ng	#	76
51) Acenaphthene	9.86	154	458681	44.168	ng		98
52) 3-Nitroaniline	9.80	138	34262	10.399	ng		92
53) 2,4-Dinitrophenol	9.93	184	58234	54.709	ng	#	80
54) Dibenzofuran	10.03	168	676006	46.115	ng		97
55) 4-Nitrophenol	9.99	139	95852	55.678	ng	#	78
56) 2,4-Dinitrotoluene	10.04	165	165180	49.051	ng	#	86
57) Fluorene	10.38	166	541372	44.604	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	124377	50.944	ng		91
59) Diethylphthalate	10.25	149	610592	47.007	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	257271	45.039	ng		95
61) 4-Nitroaniline	10.42	138	82348	26.197	ng	#	81
62) Azobenzene	10.53	77	446353	40.992	ng		87
64) 4,6-Dinitro-2-methylphenol	10.46	198	42417	24.266	ng		80
65) n-Nitrosodiphenylamine	10.49	169	330089	32.157	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	148657	50.780	ng	#	90
67) Hexachlorobenzene	10.93	284	139218	46.484	ng	#	89
68) Atrazine	11.02	200	89935	29.167	ng		99
69) Pentachlorophenol	11.13	266	113604	88.771	ng		97
70) Phenanthrene	11.35	178	700075	44.610	ng		98
71) Anthracene	11.40	178	720509	45.231	ng		100
72) Carbazole	11.56	167	515316	34.401	ng		98
73) Di-n-butylphthalate	11.88	149	928325	48.587	ng		98
74) Fluoranthene	12.58	202	617209	37.845	ng		97
77) Pyrene	12.83	202	611427	49.806	ng		100
79) Butylbenzylphthalate	13.52	149	321300	53.150	ng		89
80) Benzo(a)anthracene	14.22	228	459412	44.888	ng		99
81) 3,3'-Dichlorobenzidine	14.17	252	34441	9.271	ng		96
82) Chrysene	14.26	228	439712	45.700	ng		97
83) Bis(2-ethylhexyl)phthalate	14.19	149	473099	55.729	ng		99
84) Di-n-octyl phthalate	15.00	149	717061	49.213	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.59	276	357825	40.510	ng		97
87) Benzo(b)fluoranthene	15.56	252	408501	45.641	ng		99
88) Benzo(k)fluoranthene	15.59	252	424108m	50.251	ng		
89) Benzo(a)pyrene	15.97	252	386741	48.103	ng		98
90) Dibenzo(a,h)anthracene	17.59	278	307364	43.024	ng	#	96
91) Benzo(g,h,i)perylene	18.05	276	289190	41.376	ng		97

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

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