Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110464.D
Acq On : 5 Nov 2018 14:55
Operator : JU/SJ
Sample : J5815-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-R25951-RTMS

Manual Integrations APPROVED
Sohil
11/6/2018 9:00:55 AM

Quant Time: Nov 06 10:17:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93312	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	391351	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	191442	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	345608	20.00	ng		0.00
76) Chrysene-d12	14.14	240	189121	20.00	ng		0.00
87) Perylene-d12	15.66	264	163884	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	787651	137.46	ng		0.01
7) Phenol-d6	6.59	99	1015735	138.59	ng		0.01
23) Nitrobenzene-d5	7.52	82	650373	98.57	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	259127	136.64	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	1181580	96.92	ng		0.00
79) Terphenyl-d14	13.07	244	1019492	112.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	82049	27.330	ng		88
3) Pyridine	3.65	79	241066	36.052	ng	#	83
4) n-Nitrosodimethylamine	3.60	42	126765	45.250	ng	#	91
6) Aniline	6.62	93	236906	24.813	ng	#	55
8) 2-Chlorophenol	6.75	128	282618	42.780	ng		99
9) Benzaldehyde	6.51	77	179623	43.183	ng		97
10) Phenol	6.60	94	418409	53.407	ng	#	64
11) bis(2-Chloroethyl)ether	6.69	93	261162	40.518	ng		95
12) 1,3-Dichlorobenzene	6.90	146	290133	39.907	ng		98
13) 1,4-Dichlorobenzene	6.97	146	289931	39.431	ng		98
14) 1,2-Dichlorobenzene	7.13	146	275269	40.328	ng		99
15) Benzyl Alcohol	7.10	79	248830	44.142	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	419924	40.747	ng		71
17) 2-Methylphenol	7.20	107	235873	44.800	ng	#	82
18) Hexachloroethane	7.46	117	108327	40.241	ng		93
19) n-Nitroso-di-n-propylamine	7.37	70	196237	41.735	ng	#	97
20) 3+4-Methylphenols	7.36	107	297422	43.703	ng	#	87
22) Acetophenone	7.37	105	396571	43.978	ng		98
24) Nitrobenzene	7.54	77	295190	43.334	ng		96
25) Isophorone	7.77	82	549222	48.832	ng		97
26) 2-Nitrophenol	7.86	139	152644	47.089	ng		94
27) 2,4-Dimethylphenol	7.89	122	265827	49.462	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	345926	45.275	ng		100
29) 2,4-Dichlorophenol	8.10	162	246254	45.353	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	254998	41.927	ng		96
31) Naphthalene	8.26	128	825977	45.794	ng		100
33) 4-Chloroaniline	8.31	127	102210	12.591	ng		95
34) Hexachlorobutadiene	8.37	225	139938	41.440	ng		98
35) Caprolactam	8.68	113	83575m	44.162	ng		
36) 4-Chloro-3-methylphenol	8.80	107	267965	45.638	ng		93
37) 2-Methylnaphthalene	8.95	142	575394	48.215	ng		100
38) 1-Methylnaphthalene	9.05	142	548621m	47.572	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	247272	41.454	ng		98
41) Hexachlorocyclopentadiene	9.10	237	219338	71.912	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.23	196	167987	43.663	ng		94
44) 2,4,5-Trichlorophenol	9.27	196	180893	44.481	ng		96
46) 1,1'-Biphenyl	9.42	154	695092	40.151	ng		98
47) 2-Chloronaphthalene	9.45	162	535859	42.197	ng		99
48) 2-Nitroaniline	9.55	65	171687	44.615	ng		95
49) Acenaphthylene	9.86	152	834555	45.501	ng		99
50) Dimethylphthalate	9.72	163	818994	57.954	ng		100
51) 2,6-Dinitrotoluene	9.79	165	139462	45.815	ng		91
52) Acenaphthene	10.03	154	501534	41.333	ng		98
53) 3-Nitroaniline	9.96	138	92029	25.423	ng		89
54) 2,4-Dinitrophenol	10.07	184	19839	20.534	ng		93
55) Dibenzofuran	10.20	168	729529	42.942	ng		99
56) 4-Nitrophenol	10.13	139	273972	102.260	ng		97
57) 2,4-Dinitrotoluene	10.19	165	181660	46.983	ng		95
58) Fluorene	10.55	166	589119	46.594	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	142887m	43.106	ng		
60) Diethylphthalate	10.41	149	603173	43.724	ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	276382	41.437	ng		97
62) 4-Nitroaniline	10.58	138	146384	40.658	ng		90
63) Azobenzene	10.70	77	594056	43.384	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	52718	33.387	ng		89
66) n-Nitrosodiphenylamine	10.66	169	508934	44.896	ng		96
67) 4-Bromophenyl-phenylether	11.03	248	164481	43.875	ng		94
68) Hexachlorobenzene	11.10	284	169209	42.540	ng	#	90
69) Atrazine	11.18	200	164870	46.022	ng		97
70) Pentachlorophenol	11.30	266	133193	57.426	ng		97
71) Phenanthrene	11.52	178	848320	46.910	ng		100
72) Anthracene	11.57	178	851384	46.970	ng		100
73) Carbazole	11.72	167	737369	41.664	ng		100
74) Di-n-butylphthalate	12.03	149	904949	45.274	ng		99
75) Fluoranthene	12.71	202	815077	44.411	ng		99
77) Benzidine	12.83	184	242767	46.704	ng		97
78) Pyrene	12.94	202	781924	57.671	ng		98
80) Butylbenzylphthalate	13.53	149	312316	53.071	ng		97
81) Benzo(a)anthracene	14.13	228	535787	47.773	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	98950	25.337	ng		99
83) Chrysene	14.16	228	496449	46.605	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	398284	50.066	ng		97
85) Di-n-octyl phthalate	14.70	149	567525	45.880	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	522099	59.080	ng		98
88) Benzo(b)fluoranthene	15.20	252	452297	47.793	ng		99
89) Benzo(k)fluoranthene	15.24	252	409427	44.007	ng		98
90) Benzo(a)pyrene	15.60	252	426499	48.977	ng		98
91) Dibenzo(a,h)anthracene	17.24	278	426594	56.774	ng		99
92) Benzo(g,h,i)perylene	17.72	276	439499	59.358	ng		98

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

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