Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111514.D
Acq On : 16 Dec 2018 17:53
Operator : JU/SJ
Sample : J6391-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MSD

Manual Integrations APPROVED
Sohil
12/17/2018 11:19:51 AM

Quant Time: Dec 17 07:24:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	159965	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	896452	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	350172	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	487594	20.00	ng		0.00
76) Chrysene-d12	13.96	240	406625	20.00	ng		0.00
87) Perylene-d12	15.39	264	293350	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1066828	110.98	ng		0.00
7) Phenol-d6	6.45	99	1358006	106.20	ng		0.00
23) Nitrobenzene-d5	7.36	82	1176865	78.18	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	260141	82.93	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1740094	76.76	ng		0.00
79) Terphenyl-d14	12.90	244	1094344	63.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	158646	34.170	ng		97
3) Pyridine	3.29	79	138035	11.838	ng		91
4) n-Nitrosodimethylamine	3.19	42	238854	45.096	ng		89
6) Aniline	6.46	93	106041	6.686	ng	#	1
8) 2-Chlorophenol	6.59	128	445111	38.753	ng		92
9) Benzaldehyde	6.33	77	137022	17.667	ng		96
10) Phenol	6.46	94	595102	41.778	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	414090	37.084	ng		99
12) 1,3-Dichlorobenzene	6.73	146	469157	37.106	ng		97
13) 1,4-Dichlorobenzene	6.81	146	477780	37.229	ng		99
14) 1,2-Dichlorobenzene	6.96	146	453778	37.585	ng		99
15) Benzyl Alcohol	6.93	79	368376	37.862	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1070586	49.104	ng		88
17) 2-Methylphenol	7.06	107	446219	48.272	ng		94
18) Hexachloroethane	7.30	117	223530	46.802	ng		95
19) n-Nitroso-di-n-propylamine	7.21	70	421516	49.966	ng		99
20) 3+4-Methylphenols	7.21	107	615979	53.123	ng	#	69
22) Acetophenone	7.20	105	847422	42.346	ng	#	85
24) Nitrobenzene	7.37	77	622298	40.523	ng		92
25) Isophorone	7.62	82	1130943	44.400	ng		99
26) 2-Nitrophenol	7.69	139	295164	37.062	ng		90
27) 2,4-Dimethylphenol	7.73	122	534482	46.293	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	758125	43.114	ng		98
29) 2,4-Dichlorophenol	7.94	162	476391	38.652	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	499355	38.703	ng		99
31) Naphthalene	8.10	128	1711549	40.820	ng		97
32) Benzoic acid	7.84	122	215760m	21.625	ng		
33) 4-Chloroaniline	8.15	127	148102	7.943	ng		95
34) Hexachlorobutadiene	8.22	225	257058	36.163	ng		97
35) Caprolactam	8.51	113	110900	24.235	ng		99
36) 4-Chloro-3-methylphenol	8.63	107	469969	34.642	ng		100
37) 2-Methylnaphthalene	8.79	142	1110051	39.124	ng		98
38) 1-Methylnaphthalene	8.89	142	1035980	37.796	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	437174	45.524	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	95059	19.280	ng		95
43) 2,4,6-Trichlorophenol	9.07	196	275070	40.471	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	277000	38.299	ng		95
46) 1,1'-Biphenyl	9.25	154	1260299	42.476	ng		94
47) 2-Chloronaphthalene	9.27	162	949399	42.096	ng		95
48) 2-Nitroaniline	9.37	65	292842	39.990	ng		93
49) Acenaphthylene	9.69	152	1404467	41.953	ng		95
50) Dimethylphthalate	9.55	163	1155870	45.834	ng		99
51) 2,6-Dinitrotoluene	9.61	165	221821	39.077	ng		93
52) Acenaphthene	9.86	154	809809	38.273	ng		98
53) 3-Nitroaniline	9.77	138	148940	21.602	ng		96
54) 2,4-Dinitrophenol	9.89	184	6782	3.140	ng	#	74
55) Dibenzofuran	10.03	168	1196047	38.943	ng		94
56) 4-Nitrophenol	9.96	139	297787	62.409	ng		92
57) 2,4-Dinitrotoluene	10.01	165	266471	35.766	ng		97
58) Fluorene	10.37	166	868763	38.998	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	188762	33.404	ng		96
60) Diethylphthalate	10.25	149	966781	37.846	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	401256	36.815	ng		96
62) 4-Nitroaniline	10.39	138	168587	24.700	ng		92
63) Azobenzene	10.53	77	884416	35.118	ng		96
65) 4,6-Dinitro-2-methylphenol	10.42	198	8711	3.165	ng		93
66) n-Nitrosodiphenylamine	10.49	169	754742	44.886	ng		97
67) 4-Bromophenyl-phenylether	10.86	248	223098	42.452	ng		96
68) Hexachlorobenzene	10.93	284	246555	45.609	ng		95
69) Atrazine	11.02	200	208045	42.813	ng		98
70) Pentachlorophenol	11.12	266	232551	70.137	ng		98
71) Phenanthrene	11.33	178	1100421	43.798	ng		94
72) Anthracene	11.39	178	1112075	43.280	ng		95
73) Carbazole	11.54	167	1035680	38.978	ng		93
74) Di-n-butylphthalate	11.87	149	1271026	42.952	ng		97
75) Fluoranthene	12.53	202	1096734	44.620	ng		97
77) Benzidine	12.66	184	5017	0.336	ng	#	1
78) Pyrene	12.75	202	1105586	38.565	ng		96
80) Butylbenzylphthalate	13.37	149	486484	34.814	ng		99
81) Benzo(a)anthracene	13.94	228	925512	41.860	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	38862	4.324	ng	#	93
83) Chrysene	13.98	228	842534	36.174	ng		96
84) Bis(2-ethylhexyl)phthalate	13.94	149	737812	41.338	ng		99
85) Di-n-octyl phthalate	14.55	149	1292934	42.947	ng		96
86) Indeno(1,2,3-cd)pyrene	16.82	276	603043	35.874	ng		97
88) Benzo(b)fluoranthene	14.98	252	745988	43.618	ng		99
89) Benzo(k)fluoranthene	15.01	252	730513	44.702	ng		98
90) Benzo(a)pyrene	15.33	252	654906	42.464	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	506586	41.640	ng		98
92) Benzo(g,h,i)perylene	17.24	276	503822	42.190	ng		96

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

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