Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111522.D
Acq On : 16 Dec 2018 21:46
Operator : JU/SJ
Sample : J6391-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0006-01MS

Quant Time: Dec 17 06:45:43 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	137554	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	532988	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	213074	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	300651	20.00	ng		0.00
76) Chrysene-d12	13.94	240	265960	20.00	ng		0.00
87) Perylene-d12	15.38	264	201410	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	765921	92.66	ng		0.00
7) Phenol-d6	6.44	99	952246	86.60	ng		0.00
23) Nitrobenzene-d5	7.35	82	581425	64.96	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	139878	73.28	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1010157	73.23	ng		-0.01
79) Terphenyl-d14	12.89	244	661217	58.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	98322	24.628	ng		95
3) Pyridine	3.31	79	35195	3.510	ng	#	84
4) n-Nitrosodimethylamine	3.19	42	149905	32.913	ng		88
6) Aniline	6.45	93	41261	3.025	ng	#	1
8) 2-Chlorophenol	6.58	128	298741	30.247	ng		97
9) Benzaldehyde	6.33	77	90133	13.515	ng		91
10) Phenol	6.45	94	388910	31.751	ng		95
11) bis(2-Chloroethyl)ether	6.52	93	274462	28.584	ng		98
12) 1,3-Dichlorobenzene	6.73	146	309720	28.487	ng		95
13) 1,4-Dichlorobenzene	6.80	146	313653	28.422	ng		96
14) 1,2-Dichlorobenzene	6.96	146	299310	28.830	ng		98
15) Benzyl Alcohol	6.93	79	241475	28.863	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	541802	28.900	ng		98
17) 2-Methylphenol	7.06	107	230436	28.990	ng	#	94
18) Hexachloroethane	7.30	117	99399	24.203	ng		91
19) n-Nitroso-di-n-propylamine	7.20	70	200377	27.622	ng		95
20) 3+4-Methylphenols	7.20	107	292316	29.317	ng	#	75
22) Acetophenone	7.20	105	411815	34.612	ng	#	88
24) Nitrobenzene	7.37	77	293048	32.096	ng		96
25) Isophorone	7.61	82	535599	35.366	ng		99
26) 2-Nitrophenol	7.69	139	122023	25.770	ng		99
27) 2,4-Dimethylphenol	7.73	122	244828	35.666	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	344041	32.907	ng		99
29) 2,4-Dichlorophenol	7.93	162	223011	30.433	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	233654	30.459	ng		97
31) Naphthalene	8.09	128	822530	32.995	ng		96
32) Benzoic acid	7.82	122	67186	11.326	ng		97
33) 4-Chloroaniline	8.14	127	54151	4.885	ng		98
34) Hexachlorobutadiene	8.22	225	129849	30.724	ng		96
35) Caprolactam	8.50	113	47014	17.280	ng		97
36) 4-Chloro-3-methylphenol	8.63	107	218381	27.074	ng		96
37) 2-Methylnaphthalene	8.79	142	536214	31.787	ng		98
38) 1-Methylnaphthalene	8.89	142	505501	31.019	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	204772	35.044	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	56084	18.694	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	124249	30.043	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	127477	28.966	ng		97
46) 1,1'-Biphenyl	9.25	154	610107	33.793	ng		92
47) 2-Chloronaphthalene	9.27	162	462234	33.683	ng		94
48) 2-Nitroaniline	9.36	65	137462	30.850	ng		99
49) Acenaphthylene	9.69	152	697765	34.254	ng		94
50) Dimethylphthalate	9.55	163	573412	37.368	ng		98
51) 2,6-Dinitrotoluene	9.60	165	108051	31.282	ng		90
52) Acenaphthene	9.86	154	397713	30.891	ng		99
53) 3-Nitroaniline	9.77	138	61516	14.663	ng		94
54) 2,4-Dinitrophenol	9.88	184	6494	4.942	ng	#	87
55) Dibenzofuran	10.03	168	580855	31.081	ng		97
56) 4-Nitrophenol	9.95	139	135736	46.751	ng		97
57) 2,4-Dinitrotoluene	10.01	165	127481	28.120	ng		95
58) Fluorene	10.37	166	435921	32.159	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	87407	25.420	ng		99
60) Diethylphthalate	10.25	149	490850	31.578	ng		97
61) 4-Chlorophenyl-phenylether	10.36	204	199289	30.050	ng		97
62) 4-Nitroaniline	10.38	138	81610	19.650	ng		99
63) Azobenzene	10.52	77	425290	27.753	ng		96
65) 4,6-Dinitro-2-methylphenol	10.42	198	7576	4.464	ng		96
66) n-Nitrosodiphenylamine	10.48	169	375742	36.241	ng		96
67) 4-Bromophenyl-phenylether	10.85	248	108783	33.571	ng		92
68) Hexachlorobenzene	10.93	284	107724	32.318	ng		96
69) Atrazine	11.01	200	101300	33.808	ng		98
70) Pentachlorophenol	11.12	266	110939	54.264	ng		97
71) Phenanthrene	11.33	178	520929	33.626	ng		93
72) Anthracene	11.39	178	543383	34.297	ng		94
73) Carbazole	11.54	167	493231	30.105	ng		94
74) Di-n-butylphthalate	11.87	149	627030	34.365	ng	#	96
75) Fluoranthene	12.52	202	532745	35.151	ng		95
77) Benzidine	12.89	184	9147	0.936	ng		98
78) Pyrene	12.74	202	542974	28.957	ng		95
80) Butylbenzylphthalate	13.37	149	260586	28.511	ng		92
81) Benzo(a)anthracene	13.94	228	488246	33.762	ng		97
82) 3,3'-Dichlorobenzidine	13.90	252	36432	6.197	ng	#	98
83) Chrysene	13.97	228	474911	31.174	ng		94
84) Bis(2-ethylhexyl)phthalate	13.93	149	382056	32.727	ng		98
85) Di-n-octyl phthalate	14.54	149	697682	35.431	ng		99
86) Indeno(1,2,3-cd)pyrene	16.80	276	308380	28.048	ng		94
88) Benzo(b)fluoranthene	14.97	252	385025	32.789	ng		96
89) Benzo(k)fluoranthene	15.00	252	392196	34.955	ng		96
90) Benzo(a)pyrene	15.32	252	351197	33.166	ng		96
91) Dibenzo(a,h)anthracene	16.81	278	259450	31.061	ng		94
92) Benzo(g,h,i)perylene	17.22	276	249284	30.404	ng		95

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

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