Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111513.D
Acq On : 16 Dec 2018 17:24
Operator : JU/SJ
Sample : J6391-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
12/17/2018 11:19:48 AM

Quant Time: Dec 17 07:23:08 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	142957	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	572312	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	235921	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	326074	20.00	ng		0.00
76) Chrysene-d12	13.95	240	397032	20.00	ng		0.00
87) Perylene-d12	15.39	264	287152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1127749	131.27	ng		0.00
7) Phenol-d6	6.44	99	1362687	119.25	ng		0.00
23) Nitrobenzene-d5	7.35	82	735072	76.48	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	168432	79.70	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1151633	75.40	ng		0.00
79) Terphenyl-d14	12.90	244	958618	56.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	129258	31.153	ng		99
3) Pyridine	3.28	79	175396	16.831	ng		95
4) n-Nitrosodimethylamine	3.19	42	182309	38.515	ng		87
6) Aniline	6.45	93	88567	6.248	ng	#	1
8) 2-Chlorophenol	6.58	128	405690	39.523	ng		95
9) Benzaldehyde	6.33	77	119969	17.309	ng		97
10) Phenol	6.45	94	541899	42.569	ng		97
11) bis(2-Chloroethyl)ether	6.52	93	360997	36.176	ng		99
12) 1,3-Dichlorobenzene	6.73	146	353121	31.252	ng		97
13) 1,4-Dichlorobenzene	6.81	146	358966	31.299	ng		99
14) 1,2-Dichlorobenzene	6.96	146	341738	31.673	ng		97
15) Benzyl Alcohol	6.93	79	276764	31.830	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	613389	31.481	ng		98
17) 2-Methylphenol	7.06	107	255945	30.982	ng	#	94
18) Hexachloroethane	7.30	117	122353	28.666	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	224512	29.779	ng		93
20) 3+4-Methylphenols	7.20	107	330538	31.898	ng	#	79
22) Acetophenone	7.20	105	464959	36.394	ng	#	89
24) Nitrobenzene	7.37	77	331109	33.773	ng		99
25) Isophorone	7.61	82	594792	36.576	ng		100
26) 2-Nitrophenol	7.69	139	155643	30.612	ng		97
27) 2,4-Dimethylphenol	7.73	122	280241	38.020	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	386749	34.451	ng		99
29) 2,4-Dichlorophenol	7.93	162	257487	32.724	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	277859	33.733	ng		100
31) Naphthalene	8.09	128	939146	35.084	ng		98
32) Benzoic acid	7.83	122	113532	17.824	ng		98
33) 4-Chloroaniline	8.15	127	67312	5.655	ng	#	95
34) Hexachlorobutadiene	8.22	225	149969	33.047	ng		97
35) Caprolactam	8.50	113	63381	21.695	ng		99
36) 4-Chloro-3-methylphenol	8.63	107	259233	29.931	ng		96
37) 2-Methylnaphthalene	8.79	142	630636	34.816	ng		98
38) 1-Methylnaphthalene	8.89	142	579381	33.109	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	248147	38.354	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	59352	17.868	ng		97
43) 2,4,6-Trichlorophenol	9.07	196	148745	32.483	ng		96
44) 2,4,5-Trichlorophenol	9.11	196	155526	31.917	ng		94
46) 1,1'-Biphenyl	9.25	154	708241	35.430	ng		93
47) 2-Chloronaphthalene	9.27	162	536957	35.338	ng		93
48) 2-Nitroaniline	9.37	65	161338	32.702	ng		90
49) Acenaphthylene	9.69	152	790164	35.034	ng		95
50) Dimethylphthalate	9.55	163	666080	39.203	ng		98
51) 2,6-Dinitrotoluene	9.61	165	125561	32.831	ng		93
52) Acenaphthene	9.86	154	452910	31.771	ng		98
53) 3-Nitroaniline	9.77	138	70987	15.282	ng		90
54) 2,4-Dinitrophenol	9.88	184	4272	2.936	ng	#	65
55) Dibenzofuran	10.03	168	679530	32.840	ng		94
56) 4-Nitrophenol	9.95	139	161158	50.131	ng		98
57) 2,4-Dinitrotoluene	10.01	165	144214	28.730	ng		97
58) Fluorene	10.37	166	508611	33.888	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	103340	27.144	ng		98
60) Diethylphthalate	10.25	149	551563	32.048	ng		97
61) 4-Chlorophenyl-phenylether	10.36	204	230457	31.384	ng		95
62) 4-Nitroaniline	10.38	138	84278	18.327	ng		99
63) Azobenzene	10.52	77	490258	28.895	ng		96
65) 4,6-Dinitro-2-methylphenol	10.42	198	5206	2.828	ng	#	63
66) n-Nitrosodiphenylamine	10.48	169	426699	37.947	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	126193	35.907	ng		95
68) Hexachlorobenzene	10.93	284	141785	39.220	ng		97
69) Atrazine	11.01	200	118772	36.549	ng		98
70) Pentachlorophenol	11.12	266	127049	57.298	ng		96
71) Phenanthrene	11.33	178	622372	37.042	ng		94
72) Anthracene	11.39	178	630542	36.695	ng		94
73) Carbazole	11.54	167	570255	32.093	ng		95
74) Di-n-butylphthalate	11.87	149	724684	36.620	ng		95
75) Fluoranthene	12.52	202	855728	52.060	ng		99
77) Benzidine	12.66	184	8659m	0.593	ng		
78) Pyrene	12.75	202	882966	31.543	ng		96
80) Butylbenzylphthalate	13.37	149	378240	27.722	ng		99
81) Benzo(a)anthracene	13.95	228	764009	35.390	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	16117	1.836	ng	#	93
83) Chrysene	13.98	228	669798	29.452	ng		96
84) Bis(2-ethylhexyl)phthalate	13.94	149	582929	33.450	ng		99
85) Di-n-octyl phthalate	14.54	149	1050824	35.748	ng		95
86) Indeno(1,2,3-cd)pyrene	16.81	276	491391	29.938	ng		97
88) Benzo(b)fluoranthene	14.97	252	639337m	38.189	ng		
89) Benzo(k)fluoranthene	15.00	252	560046	35.010	ng	#	96
90) Benzo(a)pyrene	15.33	252	520896	34.504	ng		99
91) Dibenzo(a,h)anthracene	16.83	278	415960	34.929	ng		96
92) Benzo(g,h,i)perylene	17.23	276	394471	33.746	ng		96

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

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