Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111693.D
Acq On : 21 Dec 2018 17:56
Operator : JU/SJ
Sample : J6447-10MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Manual Integrations APPROVED
Sohil
12/26/2018 3:10:50 PM

Quant Time: Dec 22 00:02:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	175277	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	625320	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	273574	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	448597	20.00	ng		0.01
76) Chrysene-d12	14.06	240	329519	20.00	ng		0.01
87) Perylene-d12	15.55	264	252673	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	793702	77.19	ng		0.02
7) Phenol-d6	6.54	99	980897	74.95	ng		0.02
23) Nitrobenzene-d5	7.46	82	625454	58.22	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	232137	71.81	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1065805	56.79	ng		0.00
79) Terphenyl-d14	13.01	244	915132	52.67	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	99846	20.638	ng	#	95
3) Pyridine	3.52	79	257495	20.429	ng		98
4) n-Nitrosodimethylamine	3.43	42	173940	28.198	ng		82
6) Aniline	6.56	93	63716	3.820	ng	#	84
8) 2-Chlorophenol	6.69	128	301043	26.428	ng		97
9) Benzaldehyde	6.45	77	91147	10.127	ng		98
10) Phenol	6.55	94	427753	28.969	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	283240	25.598	ng		98
12) 1,3-Dichlorobenzene	6.85	146	339903	25.748	ng		99
13) 1,4-Dichlorobenzene	6.92	146	343794	25.679	ng		97
14) 1,2-Dichlorobenzene	7.07	146	319634	25.590	ng		98
15) Benzyl Alcohol	7.04	79	262619	25.268	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	482542	23.679	ng		100
17) 2-Methylphenol	7.16	107	234312	25.689	ng		96
18) Hexachloroethane	7.42	117	74310	16.471	ng	#	87
19) n-Nitroso-di-n-propylamine	7.31	70	213601	24.577	ng		97
20) 3+4-Methylphenols	7.30	107	301743	26.182	ng	#	79
22) Acetophenone	7.30	105	405319	25.585	ng	#	95
24) Nitrobenzene	7.48	77	312976	27.797	ng		96
25) Isophorone	7.72	82	545459	28.600	ng		100
26) 2-Nitrophenol	7.80	139	143080	31.333	ng		96
27) 2,4-Dimethylphenol	7.83	122	248151	27.567	ng		92
28) bis(2-Chloroethoxy)methane	7.93	93	340142	26.801	ng		97
29) 2,4-Dichlorophenol	8.04	162	243167	25.115	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	275983	25.579	ng		96
31) Naphthalene	8.20	128	839154	27.929	ng		97
32) Benzoic acid	7.93	122	137828	23.157	ng		89
33) 4-Chloroaniline	8.25	127	42750	3.292	ng		98
34) Hexachlorobutadiene	8.33	225	166967	25.391	ng		97
35) Caprolactam	8.61	113	65603	19.996	ng		89
36) 4-Chloro-3-methylphenol	8.73	107	224958	23.636	ng		98
37) 2-Methylnaphthalene	8.90	142	543660	27.812	ng		99
38) 1-Methylnaphthalene	9.00	142	503810	26.835	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	259283	28.843	ng	#	96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	28568	6.549	ng		97
43) 2,4,6-Trichlorophenol	9.17	196	162962	27.152	ng		99
44) 2,4,5-Trichlorophenol	9.22	196	165048	26.805	ng		96
46) 1,1'-Biphenyl	9.36	154	671432	29.074	ng		93
47) 2-Chloronaphthalene	9.39	162	490425	26.804	ng		93
48) 2-Nitroaniline	9.47	65	149403	31.387	ng		98
49) Acenaphthylene	9.80	152	734452	27.492	ng		96
50) Dimethylphthalate	9.66	163	646772	32.329	ng		98
51) 2,6-Dinitrotoluene	9.72	165	113390	28.425	ng		97
52) Acenaphthene	9.97	154	433975	26.339	ng		97
53) 3-Nitroaniline	9.88	138	58892	13.843	ng		99
54) 2,4-Dinitrophenol	9.98	184	15879	18.578	ng	#	1
55) Dibenzofuran	10.15	168	644791	25.903	ng		94
56) 4-Nitrophenol	10.05	139	167127	51.475	ng		91
57) 2,4-Dinitrotoluene	10.12	165	140012	29.203	ng	#	95
58) Fluorene	10.49	166	488159	27.215	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	135938	26.234	ng	#	88
60) Diethylphthalate	10.36	149	529658	26.990	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	248095	25.034	ng		89
62) 4-Nitroaniline	10.49	138	79994	19.346	ng		95
63) Azobenzene	10.64	77	457280	23.211	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	14052	13.215	ng		88
66) n-Nitrosodiphenylamine	10.59	169	415667	27.603	ng		97
67) 4-Bromophenyl-phenylether	10.97	248	145232	26.102	ng		91
68) Hexachlorobenzene	11.04	284	166952	26.911	ng	#	93
69) Atrazine	11.12	200	142165	27.175	ng		96
70) Pentachlorophenol	11.23	266	165055	43.036	ng		94
71) Phenanthrene	11.45	178	676113	28.419	ng		93
72) Anthracene	11.50	178	670071	28.060	ng		94
73) Carbazole	11.65	167	579715	25.005	ng		95
74) Di-n-butylphthalate	11.99	149	722717	27.803	ng		96
75) Fluoranthene	12.64	202	667319	27.699	ng		93
77) Benzidine	12.73	184	27173	2.191	ng	#	69
78) Pyrene	12.87	202	664493	28.556	ng		95
80) Butylbenzylphthalate	13.49	149	268808	28.339	ng	#	87
81) Benzo(a)anthracene	14.06	228	519607	27.631	ng		98
82) 3,3'-Dichlorobenzidine	14.01	252	11041	1.486	ng	#	92
83) Chrysene	14.09	228	473947	25.642	ng		96
84) Bis(2-ethylhexyl)phthalate	14.04	149	365378	30.581	ng	#	99
85) Di-n-octyl phthalate	14.66	149	553555	29.903	ng		99
86) Indeno(1,2,3-cd)pyrene	17.04	276	382823	24.364	ng	#	87
88) Benzo(b)fluoranthene	15.12	252	404613	27.399	ng	#	97
89) Benzo(k)fluoranthene	15.14	252	389770m	27.724	ng		
90) Benzo(a)pyrene	15.49	252	365361	27.233	ng	#	95
91) Dibenzo(a,h)anthracene	17.06	278	316011	26.899	ng	#	93
92) Benzo(g,h,i)perylene	17.49	276	298992	26.063	ng	#	85

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

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