Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109262.D
Acq On : 24 Sep 2018 12:57
Operator : JU/SJ
Sample : J5025-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MS

Manual Integrations APPROVED
Sohil
9/25/2018 9:57:08 AM

Quant Time: Sep 25 04:18:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	113331	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	450662	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	220538	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	427245	20.00	ng		0.00
75) Chrysene-d12	13.84	240	267357	20.00	ng		0.00
86) Perylene-d12	15.24	264	294639	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	463275	67.33	ng		0.00
7) Phenol-d6	6.35	99	606700	69.10	ng		-0.01
23) Nitrobenzene-d5	7.27	82	366532	48.01	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	165582	76.16	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	702127	48.02	ng		-0.01
78) Terphenyl-d14	12.79	244	679519	62.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	62190	19.625	ng		95
3) Pyridine	3.10	79	169875	20.828	ng		90
4) n-Nitrosodimethylamine	3.02	42	87548	25.223	ng	#	98
6) Aniline	6.36	93	199358	17.747	ng	#	46
8) 2-Chlorophenol	6.49	128	190172	24.854	ng		95
9) Benzaldehyde	6.25	77	125027	22.167	ng		94
10) Phenol	6.36	94	263945	26.545	ng		85
11) bis(2-Chloroethyl)ether	6.45	93	179615	23.086	ng		95
12) 1,3-Dichlorobenzene	6.65	146	207195	23.519	ng		98
13) 1,4-Dichlorobenzene	6.72	146	208136	23.451	ng		98
14) 1,2-Dichlorobenzene	6.88	146	194777	23.790	ng		97
15) Benzyl Alcohol	6.85	79	172246	25.629	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	257668	23.348	ng		98
17) 2-Methylphenol	6.97	107	155937	25.187	ng		97
18) Hexachloroethane	7.22	117	73427	23.482	ng		99
19) n-Nitroso-di-n-propylamine	7.12	70	135137	23.489	ng		99
20) 3+4-Methylphenols	7.12	107	194668	26.043	ng	#	79
22) Acetophenone	7.12	105	264461	25.382	ng	#	94
24) Nitrobenzene	7.29	77	201254	24.793	ng		98
25) Isophorone	7.53	82	372143	27.070	ng		97
26) 2-Nitrophenol	7.60	139	89640	27.924	ng		96
27) 2,4-Dimethylphenol	7.65	122	174752	29.174	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	230278	25.305	ng		99
29) 2,4-Dichlorophenol	7.85	162	164229	26.095	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	167750	23.854	ng		96
31) Naphthalene	8.01	128	552044	26.214	ng		99
32) Benzoic acid	7.76	122	91745	26.144	ng		96
33) 4-Chloroaniline	8.06	127	114391	12.434	ng		96
34) Hexachlorobutadiene	8.13	225	101283	23.890	ng		98
35) Caprolactam	8.42	113	53597m	26.674	ng		
36) 4-Chloro-3-methylphenol	8.55	107	174769	26.390	ng		99
37) 2-Methylnaphthalene	8.70	142	378993	27.917	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	170195	24.249	ng		98
40) Hexachlorocyclopentadiene	8.86	237	121618	39.727	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	118119	26.222	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	125556	26.391	ng	#	93
45) 1,1'-Biphenyl	9.16	154	453073	25.215	ng		97
46) 2-Chloronaphthalene	9.19	162	353947	24.657	ng		98
47) 2-Nitroaniline	9.28	65	103723	25.486	ng		99
48) Acenaphthylene	9.60	152	579479	26.759	ng		99
49) Dimethylphthalate	9.47	163	637537	39.745	ng	#	99
50) 2,6-Dinitrotoluene	9.52	165	85344	26.864	ng		93
51) Acenaphthene	9.77	154	335459	25.622	ng		99
52) 3-Nitroaniline	9.69	138	70507	19.164	ng		99
53) 2,4-Dinitrophenol	9.80	184	51919	49.692	ng	#	17
54) Dibenzofuran	9.95	168	496517	25.500	ng		99
55) 4-Nitrophenol	9.86	139	144540	52.153	ng		98
56) 2,4-Dinitrotoluene	9.93	165	114078	28.380	ng	#	93
57) Fluorene	10.29	166	379241	27.298	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	104664	27.785	ng	#	89
59) Diethylphthalate	10.16	149	412827	25.415	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	180862	24.925	ng		96
61) 4-Nitroaniline	10.30	138	92203	25.698	ng		99
62) Azobenzene	10.44	77	409964	24.292	ng		95
64) 4,6-Dinitro-2-methylphenol	10.33	198	37300	25.370	ng		83
65) n-Nitrosodiphenylamine	10.39	169	359860	25.493	ng		96
66) 4-Bromophenyl-phenylether	10.76	248	119853	25.262	ng		90
67) Hexachlorobenzene	10.83	284	126160	25.038	ng	#	90
68) Atrazine	10.92	200	121367	27.956	ng		98
69) Pentachlorophenol	11.03	266	127408	42.247	ng		97
70) Phenanthrene	11.24	178	566891	26.574	ng		99
71) Anthracene	11.29	178	591697	27.347	ng		99
72) Carbazole	11.45	167	517753	24.051	ng		99
73) Di-n-butylphthalate	11.79	149	653331	26.363	ng		98
74) Fluoranthene	12.42	202	560914	24.605	ng		95
76) Benzidine	12.54	184	252632	26.208	ng		98
77) Pyrene	12.65	202	546967	28.546	ng		99
79) Butylbenzylphthalate	13.27	149	235744	28.919	ng		94
80) Benzo(a)anthracene	13.83	228	419137	26.027	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	112935	18.453	ng		97
82) Chrysene	13.87	228	410479	25.717	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	301022	29.280	ng		99
84) Di-n-octyl phthalate	14.44	149	483000	27.477	ng		97
85) Indeno(1,2,3-cd)pyrene	16.59	276	432075	33.397	ng	#	92
87) Benzo(b)fluoranthene	14.84	252	414574	25.607	ng		98
88) Benzo(k)fluoranthene	14.87	252	382983	24.929	ng	#	97
89) Benzo(a)pyrene	15.18	252	389380	26.690	ng		99
90) Dibenzo(a,h)anthracene	16.60	278	358373	29.943	ng		96
91) Benzo(g,h,i)perylene	16.99	276	338714	28.796	ng	#	92

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

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