Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109340.D
Acq On : 26 Sep 2018 16:53
Operator : JU/SJ
Sample : J5070-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MSD

Manual Integrations APPROVED
Sohil
9/27/2018 1:31:15 PM

Quant Time: Sep 27 05:49:31 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	6.71	152	105621	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	412347	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	201783	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	382308	20.00	ng		0.00
75) Chrysene-d12	13.84	240	248196	20.00	ng		0.00
86) Perylene-d12	15.24	264	295293	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	662930	103.38	ng		0.00
7) Phenol-d6	6.36	99	854650	104.45	ng		0.00
23) Nitrobenzene-d5	7.27	82	523609	74.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	226427	113.83	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	749137	55.99	ng		-0.01
78) Terphenyl-d14	12.80	244	638649	63.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	82586	27.963	ng		94
3) Pyridine	3.10	79	244545	32.172	ng		93
4) n-Nitrosodimethylamine	3.03	42	117600	36.354	ng	#	96
6) Aniline	6.37	93	296440	28.316	ng	#	30
8) 2-Chlorophenol	6.50	128	256142	35.919	ng		93
9) Benzaldehyde	6.25	77	153405	29.183	ng		98
10) Phenol	6.37	94	336705	36.335	ng	#	68
11) bis(2-Chloroethyl)ether	6.45	93	243013	33.514	ng		97
12) 1,3-Dichlorobenzene	6.65	146	268756	32.733	ng		99
13) 1,4-Dichlorobenzene	6.73	146	273899	33.113	ng		98
14) 1,2-Dichlorobenzene	6.88	146	258070	33.821	ng		98
15) Benzyl Alcohol	6.85	79	231376	36.941	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	333808	32.455	ng		95
17) 2-Methylphenol	6.97	107	211803	36.708	ng		97
18) Hexachloroethane	7.22	117	96500	33.114	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	178592	33.308	ng		98
20) 3+4-Methylphenols	7.12	107	257244	36.927	ng	#	67
22) Acetophenone	7.12	105	357188	37.467	ng	#	95
24) Nitrobenzene	7.29	77	272707	36.718	ng		96
25) Isophorone	7.53	82	491323	39.060	ng		99
26) 2-Nitrophenol	7.60	139	130600	44.464	ng		94
27) 2,4-Dimethylphenol	7.65	122	231782	42.290	ng		100
28) bis(2-Chloroethoxy)methane	7.75	93	306153	36.768	ng		99
29) 2,4-Dichlorophenol	7.85	162	217420	37.757	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	219974	34.186	ng		97
31) Naphthalene	8.01	128	726484	37.702	ng		100
32) Benzoic acid	7.71	122	8975m	8.865	ng		
33) 4-Chloroaniline	8.06	127	208060	24.717	ng		99
34) Hexachlorobutadiene	8.14	225	125935	32.465	ng		100
35) Caprolactam	8.42	113	69500m	37.803	ng		
36) 4-Chloro-3-methylphenol	8.55	107	232771	38.414	ng		99
37) 2-Methylnaphthalene	8.70	142	484725	39.022	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	217328	33.842	ng		98
40) Hexachlorocyclopentadiene	8.86	237	175020	62.485	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	158637	38.490	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	169508	38.941	ng		97
45) 1,1'-Biphenyl	9.16	154	573387	34.877	ng		99
46) 2-Chloronaphthalene	9.19	162	445670	33.933	ng		99
47) 2-Nitroaniline	9.28	65	147115	39.507	ng		93
48) Acenaphthylene	9.60	152	732509	36.970	ng		99
49) Dimethylphthalate	9.47	163	871590	59.387	ng		99
50) 2,6-Dinitrotoluene	9.53	165	117794	40.525	ng		98
51) Acenaphthene	9.77	154	432477	36.102	ng		98
52) 3-Nitroaniline	9.69	138	109523	32.536	ng		99
53) 2,4-Dinitrophenol	9.80	184	13358	20.084	ng	#	21
54) Dibenzofuran	9.95	168	626270	35.153	ng		98
55) 4-Nitrophenol	9.86	139	172114	67.874	ng		96
56) 2,4-Dinitrotoluene	9.93	165	157251	42.757	ng	#	98
57) Fluorene	10.29	166	484032	38.079	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	138562	40.203	ng		89
59) Diethylphthalate	10.17	149	525519	35.360	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	226289	34.084	ng		92
61) 4-Nitroaniline	10.30	138	121329	36.959	ng		98
62) Azobenzene	10.44	77	521425	33.769	ng		95
64) 4,6-Dinitro-2-methylphenol	10.34	198	41133	29.750	ng	#	75
65) n-Nitrosodiphenylamine	10.40	169	456361	36.129	ng		95
66) 4-Bromophenyl-phenylether	10.77	248	151546	35.697	ng	#	86
67) Hexachlorobenzene	10.84	284	159907	35.465	ng	#	87
68) Atrazine	10.93	200	148572	38.245	ng		96
69) Pentachlorophenol	11.03	266	160428	59.449	ng		98
70) Phenanthrene	11.24	178	748509	39.212	ng		99
71) Anthracene	11.29	178	730411	37.726	ng		99
72) Carbazole	11.45	167	608156	31.571	ng		99
73) Di-n-butylphthalate	11.79	149	779063	35.131	ng		99
74) Fluoranthene	12.42	202	718141	35.204	ng		96
76) Benzidine	12.55	184	404587	45.212	ng		98
77) Pyrene	12.65	202	689874	38.784	ng		99
79) Butylbenzylphthalate	13.27	149	277924	36.725	ng		98
80) Benzo(a)anthracene	13.83	228	546819	36.577	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	183966	32.380	ng		98
82) Chrysene	13.87	228	538577	36.348	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	341242	35.754	ng		100
84) Di-n-octyl phthalate	14.44	149	637681	39.077	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	591401	49.241	ng	#	92
87) Benzo(b)fluoranthene	14.85	252	582347	35.889	ng		97
88) Benzo(k)fluoranthene	14.88	252	532038	34.554	ng	#	96
89) Benzo(a)pyrene	15.19	252	549325	37.571	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	483224	40.285	ng	#	96
91) Benzo(g,h,i)perylene	17.00	276	471947	40.033	ng	#	92

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

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