Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109270.D
Acq On : 24 Sep 2018 16:26
Operator : JU/SJ
Sample : J5017-09MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Manual Integrations APPROVED
Sohil
9/25/2018 9:57:34 AM

Quant Time: Sep 25 04:56:35 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	107204	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	404051	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	168448	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	248140	20.00	ng		0.01
75) Chrysene-d12	13.87	240	190215	20.00	ng		0.03
86) Perylene-d12	15.28	264	177193	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	631833	97.07	ng		0.00
7) Phenol-d6	6.36	99	811438	97.70	ng		0.00
23) Nitrobenzene-d5	7.27	82	504327	73.68	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	162968	98.14	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	885450	79.28	ng		0.00
78) Terphenyl-d14	12.83	244	545879	70.43	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	84323	28.130	ng		95
3) Pyridine	3.10	79	231083	29.952	ng		91
4) n-Nitrosodimethylamine	3.02	42	120681	36.756	ng	#	99
6) Aniline	6.37	93	290043	27.296	ng	#	1
8) 2-Chlorophenol	6.50	128	258899	35.770	ng		96
9) Benzaldehyde	6.25	77	174954	32.791	ng		97
10) Phenol	6.37	94	324461	34.497	ng		82
11) bis(2-Chloroethyl)ether	6.45	93	251553	34.180	ng		98
12) 1,3-Dichlorobenzene	6.65	146	281359	33.762	ng		99
13) 1,4-Dichlorobenzene	6.73	146	282142	33.606	ng		99
14) 1,2-Dichlorobenzene	6.88	146	268031	34.608	ng		99
15) Benzyl Alcohol	6.85	79	237578	37.371	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	347239	33.262	ng		95
17) 2-Methylphenol	6.97	107	208786	35.650	ng		96
18) Hexachloroethane	7.22	117	97936	33.110	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	185984	34.175	ng		99
20) 3+4-Methylphenols	7.12	107	260779	36.881	ng	#	60
22) Acetophenone	7.12	105	361854	38.736	ng	#	92
24) Nitrobenzene	7.29	77	274831	37.763	ng		99
25) Isophorone	7.53	82	500543	40.611	ng		98
26) 2-Nitrophenol	7.61	139	125775	43.701	ng		96
27) 2,4-Dimethylphenol	7.65	122	222838	41.493	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	309743	37.963	ng		99
29) 2,4-Dichlorophenol	7.85	162	216961	38.450	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	223614	35.466	ng		96
31) Naphthalene	8.02	128	731675	38.752	ng		99
32) Benzoic acid	7.75	122	60096m	20.932	ng		
33) 4-Chloroaniline	8.06	127	211542	25.647	ng		99
34) Hexachlorobutadiene	8.14	225	134315	35.337	ng		99
35) Caprolactam	8.42	113	77873	43.227	ng		92
36) 4-Chloro-3-methylphenol	8.55	107	222431	37.461	ng		99
37) 2-Methylnaphthalene	8.70	142	477785	39.253	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	216508	40.386	ng		98
40) Hexachlorocyclopentadiene	8.86	237	44084	18.853	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	145282	42.225	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	149040	41.015	ng		92
45) 1,1'-Biphenyl	9.17	154	539951	39.342	ng		99
46) 2-Chloronaphthalene	9.19	162	418972	38.213	ng		98
47) 2-Nitroaniline	9.29	65	127906	41.146	ng		98
48) Acenaphthylene	9.60	152	637764	38.558	ng		99
49) Dimethylphthalate	9.47	163	567942	46.356	ng	#	99
50) 2,6-Dinitrotoluene	9.53	165	99744	41.106	ng		90
51) Acenaphthene	9.78	154	369464	36.945	ng		99
52) 3-Nitroaniline	9.69	138	98122	34.918	ng		96
53) 2,4-Dinitrophenol	9.80	184	15302	24.396	ng	#	25
54) Dibenzofuran	9.95	168	521270	35.050	ng	#	95
55) 4-Nitrophenol	9.86	139	161379	76.235	ng		89
56) 2,4-Dinitrotoluene	9.93	165	120175	39.142	ng	#	98
57) Fluorene	10.29	166	398227	37.528	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	103453	35.956	ng	#	94
59) Diethylphthalate	10.17	149	450336	36.298	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	187037	33.747	ng		99
61) 4-Nitroaniline	10.30	138	90630	33.071	ng		92
62) Azobenzene	10.45	77	423095	32.823	ng		96
64) 4,6-Dinitro-2-methylphenol	10.35	198	17862	22.062	ng	#	35
65) n-Nitrosodiphenylamine	10.40	169	459555	56.054	ng		92
66) 4-Bromophenyl-phenylether	10.77	248	111390	40.425	ng		93
67) Hexachlorobenzene	10.85	284	110132	37.633	ng		94
68) Atrazine	10.93	200	118839	47.132	ng		94
69) Pentachlorophenol	11.04	266	111001	63.373	ng		99
70) Phenanthrene	11.26	178	567927	45.839	ng		98
71) Anthracene	11.30	178	497752	39.610	ng		97
72) Carbazole	11.46	167	428401	34.264	ng		96
73) Di-n-butylphthalate	11.80	149	496855	34.520	ng		98
74) Fluoranthene	12.46	202	421488	31.833	ng		95
76) Benzidine	12.56	184	176709	25.766	ng	#	86
77) Pyrene	12.68	202	490755	35.999	ng		97
79) Butylbenzylphthalate	13.29	149	195509	33.710	ng	#	85
80) Benzo(a)anthracene	13.86	228	433886	37.870	ng	#	95
81) 3,3'-Dichlorobenzidine	13.82	252	150325	34.524	ng		98
82) Chrysene	13.90	228	421097	37.082	ng		97
83) Bis(2-ethylhexyl)phthalate	13.86	149	265742	36.331	ng	#	97
84) Di-n-octyl phthalate	14.46	149	478742	38.280	ng	#	74
85) Indeno(1,2,3-cd)pyrene	16.63	276	348716	37.885	ng	#	92
87) Benzo(b)fluoranthene	14.89	252	419966	43.133	ng	#	91
88) Benzo(k)fluoranthene	14.91	252	321179	34.762	ng	#	93
89) Benzo(a)pyrene	15.23	252	343347	39.134	ng	#	93
90) Dibenzo(a,h)anthracene	16.64	278	293842	40.824	ng		98
91) Benzo(g,h,i)perylene	17.04	276	286934	40.562	ng	#	91

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

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