Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109167.D
Acq On : 20 Sep 2018 1:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/20/2018 10:06:51 AM

Quant Time: Sep 20 07:38:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	114823	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	429169	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	177016	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	297550	20.00	ng		0.00
75) Chrysene-d12	13.85	240	277154	20.00	ng		0.00
86) Perylene-d12	15.26	264	279724	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	561733	81.25	ng		0.00
7) Phenol-d6	6.36	99	689234	77.32	ng		0.00
23) Nitrobenzene-d5	7.28	82	614259	80.28	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	124537	64.83	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1055180	93.39	ng		0.00
78) Terphenyl-d14	12.81	244	776100	66.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	129071	39.221	ng		92
3) Pyridine	3.08	79	334788	38.376	ng		90
4) n-Nitrosodimethylamine	3.01	42	136434	41.409	ng	#	93
6) Aniline	6.38	93	444870	38.610	ng		98
8) 2-Chlorophenol	6.51	128	305285	39.459	ng		96
9) Benzaldehyde	6.27	77	233073	40.937	ng		100
10) Phenol	6.37	94	382405	38.124	ng		81
11) bis(2-Chloroethyl)ether	6.46	93	311576	39.484	ng		95
12) 1,3-Dichlorobenzene	6.67	146	357736	40.432	ng		99
13) 1,4-Dichlorobenzene	6.74	146	361558	40.733	ng		98
14) 1,2-Dichlorobenzene	6.90	146	331725	40.312	ng		97
15) Benzyl Alcohol	6.87	79	264197	39.038	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	422077	37.331	ng		94
17) 2-Methylphenol	6.98	107	242127	38.360	ng		97
18) Hexachloroethane	7.24	117	115665	35.879	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	217998	36.996	ng		95
20) 3+4-Methylphenols	7.14	107	282937	37.219	ng	#	69
22) Acetophenone	7.13	105	396521	40.684	ng	#	93
24) Nitrobenzene	7.30	77	315988	40.054	ng		97
25) Isophorone	7.54	82	498248	37.881	ng		97
26) 2-Nitrophenol	7.62	139	100273	27.221	ng		97
27) 2,4-Dimethylphenol	7.66	122	223147	38.618	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	348061	39.324	ng		98
29) 2,4-Dichlorophenol	7.86	162	226494	36.783	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	268728	40.373	ng		98
31) Naphthalene	8.02	128	788077	39.563	ng		99
32) Benzoic acid	7.73	122	68797m	18.221	ng		
33) 4-Chloroaniline	8.07	127	329497	37.203	ng		99
34) Hexachlorobutadiene	8.15	225	169220	41.643	ng		97
35) Caprolactam	8.44	113	61303	30.536	ng	#	84
36) 4-Chloro-3-methylphenol	8.55	107	223052	34.410	ng		97
37) 2-Methylnaphthalene	8.72	142	485179	37.365	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	249894	44.853	ng		97
40) Hexachlorocyclopentadiene	8.88	237	33955	12.096	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	143810	38.402	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	146732	37.495	ng		98
45) 1,1'-Biphenyl	9.18	154	610436	43.104	ng		98
46) 2-Chloronaphthalene	9.20	162	475227	41.901	ng		99
47) 2-Nitroaniline	9.30	65	132983	38.140	ng		95
48) Acenaphthylene	9.61	152	681205	39.836	ng		100
49) Dimethylphthalate	9.48	163	530213	41.908	ng		100
50) 2,6-Dinitrotoluene	9.54	165	97230	34.653	ng		94
51) Acenaphthene	9.79	154	403979	37.939	ng		98
52) 3-Nitroaniline	9.70	138	127200	38.500	ng		96
53) 2,4-Dinitrophenol	9.81	184	2922	2.702	ng	#	28
54) Dibenzofuran	9.95	168	605019	39.319	ng		97
55) 4-Nitrophenol	9.86	139	55461	22.784	ng		98
56) 2,4-Dinitrotoluene	9.94	165	112525	30.666	ng	#	94
57) Fluorene	10.30	166	406178	39.611	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	104061	32.114	ng	#	89
59) Diethylphthalate	10.18	149	503907	39.441	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	224982	40.974	ng		91
61) 4-Nitroaniline	10.31	138	116347	37.066	ng		99
62) Azobenzene	10.45	77	474234	36.261	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	9068	6.370	ng		84
65) n-Nitrosodiphenylamine	10.41	169	417719	42.918	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	138815	41.382	ng		90
67) Hexachlorobenzene	10.85	284	145994	40.689	ng	#	90
68) Atrazine	10.94	200	123566	39.659	ng		98
69) Pentachlorophenol	11.04	266	59534	25.934	ng		98
70) Phenanthrene	11.25	178	590537	40.487	ng		99
71) Anthracene	11.31	178	594979	40.240	ng		99
72) Carbazole	11.46	167	584392	39.927	ng		99
73) Di-n-butylphthalate	11.80	149	698681	40.779	ng		99
74) Fluoranthene	12.44	202	639588	41.536	ng		96
76) Benzidine	12.55	184	352355	35.915	ng		100
77) Pyrene	12.66	202	666007	32.351	ng		99
79) Butylbenzylphthalate	13.28	149	306656	33.351	ng		96
80) Benzo(a)anthracene	13.84	228	641117	38.208	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	244943	36.174	ng		99
82) Chrysene	13.88	228	637524	37.974	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	412178	37.022	ng		100
84) Di-n-octyl phthalate	14.46	149	791829	41.937	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	504851	37.614	ng	#	93
87) Benzo(b)fluoranthene	14.86	252	641663	41.465	ng		99
88) Benzo(k)fluoranthene	14.89	252	569639	39.411	ng		98
89) Benzo(a)pyrene	15.20	252	546893	39.795	ng		99
90) Dibenzo(a,h)anthracene	16.63	278	420660	36.434	ng	#	95
91) Benzo(g,h,i)perylene	17.02	276	393387	34.079	ng	#	92

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

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