Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109038.D
Acq On : 17 Sep 2018 10:39
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/18/2018 5:59:48 PM

Quant Time: Sep 17 11:26:21 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	170315	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	691160	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	332465	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	636669	20.00	ng		0.00
75) Chrysene-d12	13.85	240	423736	20.00	ng		0.00
86) Perylene-d12	15.25	264	391064	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	792804	77.31	ng		0.00
7) Phenol-d6	6.36	99	1050530	79.45	ng		0.00
23) Nitrobenzene-d5	7.29	82	971168	78.81	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	278689	77.24	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1692478	79.76	ng		0.00
78) Terphenyl-d14	12.81	244	1432199	80.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	189395	38.800	ng		94
3) Pyridine	3.10	79	535065	41.350	ng		92
4) n-Nitrosodimethylamine	3.04	42	199818	40.887	ng		94
6) Aniline	6.38	93	693858	40.598	ng		98
8) 2-Chlorophenol	6.51	128	457118	39.834	ng		97
9) Benzaldehyde	6.27	77	345552	40.918	ng		98
10) Phenol	6.37	94	589656	39.633	ng		83
11) bis(2-Chloroethyl)ether	6.46	93	472877	40.400	ng		99
12) 1,3-Dichlorobenzene	6.67	146	517977	39.469	ng		99
13) 1,4-Dichlorobenzene	6.74	146	519635	39.468	ng		97
14) 1,2-Dichlorobenzene	6.90	146	475888	38.988	ng		98
15) Benzyl Alcohol	6.87	79	408043	40.648	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	682886	40.719	ng		95
17) 2-Methylphenol	6.98	107	375745	40.133	ng		97
18) Hexachloroethane	7.24	117	191790	40.109	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	357526	40.906	ng		97
20) 3+4-Methylphenols	7.14	107	434542	38.537	ng	#	61
22) Acetophenone	7.14	105	609228	38.814	ng	#	91
24) Nitrobenzene	7.31	77	510992	40.220	ng		97
25) Isophorone	7.55	82	843865	39.838	ng		98
26) 2-Nitrophenol	7.62	139	223493	37.673	ng		95
27) 2,4-Dimethylphenol	7.67	122	365885	39.318	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	566891	39.769	ng		99
29) 2,4-Dichlorophenol	7.86	162	392557	39.586	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	423247	39.484	ng		98
31) Naphthalene	8.02	128	1239474	38.638	ng		99
32) Benzoic acid	7.79	122	267251	43.952	ng		97
33) 4-Chloroaniline	8.07	127	565239	39.629	ng		100
34) Hexachlorobutadiene	8.15	225	258289	39.468	ng		99
35) Caprolactam	8.45	113	125345	38.770	ng		87
36) 4-Chloro-3-methylphenol	8.56	107	407507	39.036	ng		97
37) 2-Methylnaphthalene	8.72	142	805207	38.506	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	415565	39.714	ng		98
40) Hexachlorocyclopentadiene	8.88	237	208063	39.464	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	282059	40.103	ng		96
43) 2,4,5-Trichlorophenol	9.03	196	294894	40.122	ng		97
45) 1,1'-Biphenyl	9.18	154	1042234	39.184	ng		99
46) 2-Chloronaphthalene	9.20	162	843493	39.597	ng		99
47) 2-Nitroaniline	9.30	65	266919	40.759	ng		95
48) Acenaphthylene	9.62	152	1251608	38.970	ng		100
49) Dimethylphthalate	9.48	163	930992	39.179	ng		99
50) 2,6-Dinitrotoluene	9.54	165	209713	39.796	ng		92
51) Acenaphthene	9.79	154	778062	38.905	ng		98
52) 3-Nitroaniline	9.71	138	243737	39.279	ng		99
53) 2,4-Dinitrophenol	9.81	184	73584	36.232	ng	#	21
54) Dibenzofuran	9.96	168	1107592	38.325	ng		96
55) 4-Nitrophenol	9.87	139	182746	39.972	ng		92
56) 2,4-Dinitrotoluene	9.94	165	273146	39.634	ng	#	95
57) Fluorene	10.30	166	760971	39.512	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	241613	39.701	ng		90
59) Diethylphthalate	10.18	149	940177	39.181	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	407490	39.514	ng		94
61) 4-Nitroaniline	10.32	138	234525	39.781	ng		100
62) Azobenzene	10.45	77	976652	39.761	ng		96
64) 4,6-Dinitro-2-methylphenol	10.35	198	113140	37.142	ng		89
65) n-Nitrosodiphenylamine	10.41	169	819590	39.354	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	282736	39.391	ng	#	85
67) Hexachlorobenzene	10.85	284	304773	39.697	ng		93
68) Atrazine	10.94	200	258200	38.730	ng		96
69) Pentachlorophenol	11.04	266	196551	40.015	ng		98
70) Phenanthrene	11.25	178	1193821	38.252	ng		99
71) Anthracene	11.31	178	1203861	38.052	ng		98
72) Carbazole	11.46	167	1196085	38.192	ng		99
73) Di-n-butylphthalate	11.80	149	1406929	38.378	ng		99
74) Fluoranthene	12.44	202	1237971	37.573	ng		98
76) Benzidine	12.55	184	739369	49.292	ng		99
77) Pyrene	12.67	202	1287269	40.899	ng		100
79) Butylbenzylphthalate	13.29	149	579576	41.228	ng		98
80) Benzo(a)anthracene	13.84	228	1007461	39.271	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	411917	39.790	ng	#	97
82) Chrysene	13.88	228	1019451	39.718	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	706803	41.524	ng		99
84) Di-n-octyl phthalate	14.46	149	1176653	40.760	ng		99
85) Indeno(1,2,3-cd)pyrene	16.60	276	786741	38.339	ng		94
87) Benzo(b)fluoranthene	14.86	252	844734	39.046	ng		98
88) Benzo(k)fluoranthene	14.89	252	818783m	40.520	ng		
89) Benzo(a)pyrene	15.20	252	756955	39.398	ng		99
90) Dibenzo(a,h)anthracene	16.62	278	657353	40.724	ng		96
91) Benzo(g,h,i)perylene	17.01	276	659453	40.864	ng	#	92

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

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