Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121884.D
Acq On : 8 Oct 2020 12:30
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
10/12/2020 11:31:21 AM

Quant Time: Oct 08 13:10:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	144721	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	544300	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	286925	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	534781	20.00	ng		0.00
76) Chrysene-d12	13.93	240	417195	20.00	ng		0.00
86) Perylene-d12	15.37	264	367704	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	778062	79.90	ng		0.00
7) Phenol-d6	6.42	99	996799	78.02	ng		0.00
23) Nitrobenzene-d5	7.33	82	869600	85.78	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	301086	84.43	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1432227	75.60	ng		0.00
79) Terphenyl-d14	12.87	244	1694243	82.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	168966	37.767	ng		100
3) Pyridine	3.19	79	479057	38.734	ng		99
4) n-Nitrosodimethylamine	3.15	42	227253	39.613	ng		98
6) Aniline	6.43	93	611150	36.729	ng	#	30
8) 2-Chlorophenol	6.55	128	396888	40.030	ng		100
9) Benzaldehyde	6.32	77	288899	34.591	ng		98
10) Phenol	6.43	94	511882	37.625	ng		88
11) bis(2-Chloroethyl)ether	6.50	93	411658	40.147	ng		97
12) 1,3-Dichlorobenzene	6.70	146	443185	40.047	ng		97
13) 1,4-Dichlorobenzene	6.78	146	441767	39.756	ng		98
14) 1,2-Dichlorobenzene	6.93	146	403560	39.424	ng		98
15) Benzyl Alcohol	6.92	79	341790	39.360	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	622312	37.715	ng		79
17) 2-Methylphenol	7.03	107	343865	40.761	ng		96
18) Hexachloroethane	7.27	117	163832	41.177	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	287324	39.022	ng		100
20) 3+4-Methylphenols	7.19	107	401040	39.566	ng	#	83
22) Acetophenone	7.18	105	552303	39.993	ng		96
24) Nitrobenzene	7.35	77	457575	41.733	ng		100
25) Isophorone	7.59	82	820637	40.214	ng		100
26) 2-Nitrophenol	7.67	139	217390	42.430	ng		99
27) 2,4-Dimethylphenol	7.71	122	358507	39.356	ng		97
28) bis(2-Chloroethoxy)methane	7.80	93	509525	40.332	ng		99
29) 2,4-Dichlorophenol	7.92	162	339623	40.935	ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	352992	40.397	ng		98
31) Naphthalene	8.07	128	1144798	39.843	ng		99
32) Benzoic acid	7.87	122	179888	29.579	ng		99
33) 4-Chloroaniline	8.12	127	513109	41.197	ng		99
34) Hexachlorobutadiene	8.18	225	208912	40.732	ng		99
35) Caprolactam	8.52	113	116794m	42.272	ng		
36) 4-Chloro-3-methylphenol	8.62	107	369669	41.361	ng		99
37) 2-Methylnaphthalene	8.76	142	743420	39.481	ng		99
38) 1-Methylnaphthalene	8.86	142	696837	39.764	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	357325	39.868	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	179889	35.146	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	232491	38.057	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	249869	38.690	ng		99
46) 1,1'-Biphenyl	9.23	154	887611	38.642	ng		99
47) 2-Chloronaphthalene	9.25	162	700249	38.685	ng		100
48) 2-Nitroaniline	9.35	65	248354	44.152	ng		98
49) Acenaphthylene	9.66	152	1066544	38.349	ng		99
50) Dimethylphthalate	9.53	163	855392	41.133	ng		99
51) 2,6-Dinitrotoluene	9.60	165	188494	42.561	ng		93
52) Acenaphthene	9.84	154	639849	36.425	ng		100
53) 3-Nitroaniline	9.77	138	218197	42.529	ng		100
54) 2,4-Dinitrophenol	9.89	184	76076	35.462	ng		97
55) Dibenzofuran	10.01	168	916832	37.062	ng		99
56) 4-Nitrophenol	9.95	139	170357	41.636	ng		85
57) 2,4-Dinitrotoluene	10.00	165	233194	41.853	ng	#	85
58) Fluorene	10.35	166	755879	39.956	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	200491	38.186	ng		99
60) Diethylphthalate	10.23	149	819959	40.441	ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	370618	40.897	ng		95
62) 4-Nitroaniline	10.39	138	220592	43.303	ng		99
63) Azobenzene	10.50	77	854013	39.553	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	137625	42.804	ng		95
66) n-Nitrosodiphenylamine	10.46	169	720061	39.247	ng		98
67) 4-Bromophenyl-phenylether	10.83	248	246248	40.443	ng		96
68) Hexachlorobenzene	10.90	284	278433	40.521	ng		93
69) Atrazine	10.99	200	189566	41.588	ng		99
70) Pentachlorophenol	11.10	266	125861	33.353	ng		100
71) Phenanthrene	11.32	178	1134096	38.923	ng		100
72) Anthracene	11.37	178	1173031	39.012	ng		100
73) Carbazole	11.52	167	1079877	39.798	ng		100
74) Di-n-butylphthalate	11.85	149	1274128	40.685	ng		100
75) Fluoranthene	12.50	202	1231532	39.595	ng		99
77) Benzidine	12.62	184	517349	37.405	ng		99
78) Pyrene	12.73	202	1246135	40.882	ng		99
80) Butylbenzylphthalate	13.34	149	540319	43.830	ng		99
81) Benzo(a)anthracene	13.92	228	1097023	41.564	ng		100
82) 3,3'-Dichlorobenzidine	13.88	252	421982	40.952	ng	#	99
83) Chrysene	13.96	228	1059554	39.643	ng		99
84) Bis(2-ethylhexyl)phthalate	13.90	149	736853	44.742	ng		98
85) Di-n-octyl phthalate	14.52	149	1203605	41.412	ng		100
87) Indeno(1,2,3-cd)pyrene	16.81	276	929756	38.827	ng		99
88) Benzo(b)fluoranthene	14.96	252	1088272	44.272	ng		98
89) Benzo(k)fluoranthene	14.99	252	884010	39.271	ng		99
90) Benzo(a)pyrene	15.32	252	869014	41.589	ng		98
91) Dibenzo(a,h)anthracene	16.81	278	761844	38.219	ng		100
92) Benzo(g,h,i)perylene	17.23	276	766205	39.104	ng		98

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

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