Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
Data File : BF121764.D
Acq On : 1 Oct 2020 13:33
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/2/2020 12:10:22 PM

Quant Time: Oct 01 14:40:32 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	6.77	152	140178	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	523130	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	272369	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	508045	20.00	ng	0.00
76) Chrysene-d12	13.93	240	367673	20.00	ng	0.00
86) Perylene-d12	15.36	264	334581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	756094	80.16	ng	0.00
7) Phenol-d6	6.42	99	974797	78.77	ng	0.00
23) Nitrobenzene-d5	7.34	82	811920	83.33	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	295129	87.18	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1418489	78.88	ng	0.00
79) Terphenyl-d14	12.88	244	1610937	88.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.47	88	166714	38.472	ng	100
3) Pyridine	3.19	79	468656	39.121	ng	100
4) n-Nitrosodimethylamine	3.16	42	216915	39.036	ng	100
6) Aniline	6.44	93	618879	38.399	ng	100
8) 2-Chlorophenol	6.56	128	388835	40.489	ng	100
9) Benzaldehyde	6.32	77	282149	34.877	ng	100
10) Phenol	6.43	94	499692	37.920	ng	100
11) bis(2-Chloroethyl)ether	6.51	93	397332	40.006	ng	100
12) 1,3-Dichlorobenzene	6.71	146	428802	40.004	ng	100
13) 1,4-Dichlorobenzene	6.79	146	435761	40.487	ng	100
14) 1,2-Dichlorobenzene	6.95	146	399507	40.293	ng	100
15) Benzyl Alcohol	6.92	79	335696	39.911	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	635439	39.759	ng	100
17) 2-Methylphenol	7.03	107	326490	39.956	ng	100
18) Hexachloroethane	7.28	117	158295	41.075	ng	100
19) n-Nitroso-di-n-propylamine	7.19	70	281135	39.419	ng	100
20) 3+4-Methylphenols	7.19	107	376842	38.384	ng	100
22) Acetophenone	7.19	105	517433	38.985	ng	100
24) Nitrobenzene	7.36	77	434056	41.190	ng	100
25) Isophorone	7.60	82	801113	40.846	ng	100
26) 2-Nitrophenol	7.67	139	206501	41.965	ng	100
27) 2,4-Dimethylphenol	7.72	122	347736	39.719	ng	100
28) bis(2-Chloroethoxy)methane	7.81	93	498946	41.092	ng	100
29) 2,4-Dichlorophenol	7.92	162	327813	41.110	ng	100
30) 1,2,4-Trichlorobenzene	8.00	180	344490	41.020	ng	100
31) Naphthalene	8.08	128	1111120	40.236	ng	100
32) Benzoic acid	7.86	122	210694	34.530	ng	100
33) 4-Chloroaniline	8.13	127	485789	40.582	ng	100
34) Hexachlorobutadiene	8.19	225	205844	41.758	ng	100
35) Caprolactam	8.51	113	109906m	41.389	ng	
36) 4-Chloro-3-methylphenol	8.62	107	352898	41.082	ng	100
37) 2-Methylnaphthalene	8.77	142	731083	40.397	ng	100
38) 1-Methylnaphthalene	8.87	142	671032	39.841	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	349637	41.095	ng	100

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	180594	37.170	ng	100
43) 2,4,6-Trichlorophenol	9.05	196	232130	40.028	ng	100
44) 2,4,5-Trichlorophenol	9.09	196	249884	40.760	ng	100
46) 1,1'-Biphenyl	9.23	154	872842	40.030	ng	100
47) 2-Chloronaphthalene	9.26	162	689016	40.099	ng	100
48) 2-Nitroaniline	9.36	65	230381	43.146	ng	100
49) Acenaphthylene	9.67	152	1061631	40.212	ng	100
50) Dimethylphthalate	9.54	163	815855	41.328	ng	100
51) 2,6-Dinitrotoluene	9.60	165	183696	43.694	ng	100
52) Acenaphthene	9.85	154	625462	37.509	ng	100
53) 3-Nitroaniline	9.77	138	203953	41.877	ng	100
54) 2,4-Dinitrophenol	9.88	184	87692	41.122	ng	100
55) Dibenzofuran	10.02	168	937684	39.930	ng	100
56) 4-Nitrophenol	9.94	139	143733	37.006	ng	100
57) 2,4-Dinitrotoluene	10.00	165	234073	44.256	ng	100
58) Fluorene	10.36	166	725865	40.420	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	205445	41.221	ng	100
60) Diethylphthalate	10.23	149	808243	41.993	ng	100
61) 4-Chlorophenyl-phenylether	10.35	204	360186	41.870	ng	100
62) 4-Nitroaniline	10.39	138	200020	41.363	ng	100
63) Azobenzene	10.51	77	842054	41.083	ng	100
65) 4,6-Dinitro-2-methylphenol	10.42	198	135678	44.160	ng	100
66) n-Nitrosodiphenylamine	10.47	169	708730	40.662	ng	100
67) 4-Bromophenyl-phenylether	10.84	248	245111	42.375	ng	100
68) Hexachlorobenzene	10.90	284	269921	41.350	ng	100
69) Atrazine	11.00	200	182105	42.053	ng	100
70) Pentachlorophenol	11.10	266	127547	35.578	ng	100
71) Phenanthrene	11.32	178	1096019	39.595	ng	100
72) Anthracene	11.37	178	1133681	39.688	ng	100
73) Carbazole	11.53	167	1000313	38.806	ng	100
74) Di-n-butylphthalate	11.86	149	1259976	42.351	ng	100
75) Fluoranthene	12.50	202	1158233	39.198	ng	100
77) Benzidine	12.63	184	768056	63.012	ng	100
78) Pyrene	12.73	202	1157141	43.075	ng	100
80) Butylbenzylphthalate	13.35	149	510935	47.028	ng	100
81) Benzo(a)anthracene	13.92	228	952643	40.955	ng	100
82) 3,3'-Dichlorobenzidine	13.89	252	385095	42.406	ng	100
83) Chrysene	13.96	228	961735	40.830	ng	100
84) Bis(2-ethylhexyl)phthalate	13.91	149	695535	47.922	ng	100
85) Di-n-octyl phthalate	14.52	149	1172695	45.783	ng	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	907363	41.643	ng	100
88) Benzo(b)fluoranthene	14.96	252	916593	40.980	ng	100
89) Benzo(k)fluoranthene	14.99	252	840564	41.038	ng	100
90) Benzo(a)pyrene	15.31	252	780545	41.054	ng	100
91) Dibenzo(a,h)anthracene	16.80	278	755876	41.674	ng	100
92) Benzo(g,h,i)perylene	17.21	276	746753	41.884	ng	100

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

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