Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092520\
Data File : BF121693.D
Acq On : 25 Sep 2020 13:36
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/28/2020 11:10:26 AM

Quant Time: Sep 25 14:32:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 14:15:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	169970	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	641118	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	348232	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	664335	20.00	ng	0.00
76) Chrysene-d12	13.97	240	521195	20.00	ng	0.00
86) Perylene-d12	15.42	264	477397	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	883864	77.28	ng	0.00
7) Phenol-d6	6.44	99	1167001	77.78	ng	0.00
23) Nitrobenzene-d5	7.37	82	995394	83.36	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	391136	90.37	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1765605	76.79	ng	0.00
79) Terphenyl-d14	12.92	244	2182532	84.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	203321	38.695	ng	100
3) Pyridine	3.26	79	565741	38.947	ng	100
4) n-Nitrosodimethylamine	3.22	42	261100	38.752	ng	100
6) Aniline	6.47	93	749438	38.350	ng	100
8) 2-Chlorophenol	6.59	128	464885	39.923	ng	100
9) Benzaldehyde	6.35	77	352156	35.901	ng	100
10) Phenol	6.46	94	605244	37.879	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	476955	39.605	ng	100
12) 1,3-Dichlorobenzene	6.74	146	518631	39.903	ng	100
13) 1,4-Dichlorobenzene	6.82	146	517229	39.633	ng	100
14) 1,2-Dichlorobenzene	6.97	146	475567	39.557	ng	100
15) Benzyl Alcohol	6.95	79	415742	40.764	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	754957	38.958	ng	100
17) 2-Methylphenol	7.06	107	391282	39.492	ng	100
18) Hexachloroethane	7.31	117	191944	41.076	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	351047	40.594	ng	100
20) 3+4-Methylphenols	7.22	107	456047	38.310	ng	100
22) Acetophenone	7.22	105	639078	39.288	ng	100
24) Nitrobenzene	7.39	77	530452	41.074	ng	100
25) Isophorone	7.63	82	994587	41.378	ng	100
26) 2-Nitrophenol	7.70	139	244614	40.648	ng	100
27) 2,4-Dimethylphenol	7.75	122	424628	39.576	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	611272	41.079	ng	100
29) 2,4-Dichlorophenol	7.95	162	398513	40.779	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	420749	40.880	ng	100
31) Naphthalene	8.11	128	1346885	39.797	ng	100
32) Benzoic acid	7.89	122	256045	34.299	ng	100
33) 4-Chloroaniline	8.16	127	594524	40.525	ng	100
34) Hexachlorobutadiene	8.22	225	256467	42.453	ng	100
35) Caprolactam	8.55	113	137801m	42.343	ng	
36) 4-Chloro-3-methylphenol	8.65	107	439964	41.792	ng	100
37) 2-Methylnaphthalene	8.80	142	898216	40.498	ng	100
38) 1-Methylnaphthalene	8.90	142	831096	40.263	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	430778	39.602	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	250822	40.377	ng	100
43) 2,4,6-Trichlorophenol	9.08	196	293650	39.606	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	319554	40.769	ng	100
46) 1,1'-Biphenyl	9.26	154	1083033	38.849	ng	100
47) 2-Chloronaphthalene	9.29	162	854767	38.908	ng	100
48) 2-Nitroaniline	9.39	65	290565	42.562	ng	100
49) Acenaphthylene	9.70	152	1320373	39.117	ng	100
50) Dimethylphthalate	9.57	163	1062476	42.096	ng	100
51) 2,6-Dinitrotoluene	9.63	165	231604	43.088	ng	100
52) Acenaphthene	9.87	154	782782	36.716	ng	100
53) 3-Nitroaniline	9.80	138	259101	41.611	ng	100
54) 2,4-Dinitrophenol	9.91	184	106895	39.628	ng	100
55) Dibenzofuran	10.05	168	1176397	39.182	ng	100
56) 4-Nitrophenol	9.97	139	190431	38.348	ng	100
57) 2,4-Dinitrotoluene	10.03	165	307573	45.484	ng	100
58) Fluorene	10.39	166	906914	39.500	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	267146	41.924	ng	100
60) Diethylphthalate	10.27	149	1048149	42.594	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	458802	41.715	ng	100
62) 4-Nitroaniline	10.42	138	261752	42.337	ng	100
63) Azobenzene	10.55	77	1059842	40.444	ng	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	171011	42.813	ng	100
66) n-Nitrosodiphenylamine	10.50	169	894413	39.243	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	315861	41.760	ng	100
68) Hexachlorobenzene	10.94	284	353976	41.469	ng	100
69) Atrazine	11.03	200	242709	42.863	ng	100
70) Pentachlorophenol	11.13	266	185576	39.587	ng	100
71) Phenanthrene	11.35	178	1409589	38.944	ng	100
72) Anthracene	11.40	178	1462989	39.167	ng	100
73) Carbazole	11.56	167	1305623	38.734	ng	100
74) Di-n-butylphthalate	11.89	149	1650640	42.429	ng	100
75) Fluoranthene	12.54	202	1527226	39.526	ng	100
77) Benzidine	12.66	184	693060	40.111	ng	100
78) Pyrene	12.77	202	1529528	40.166	ng	100
80) Butylbenzylphthalate	13.39	149	700389	45.477	ng	100
81) Benzo(a)anthracene	13.96	228	1288858	39.088	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	539878	41.939	ng	100
83) Chrysene	14.00	228	1319370	39.514	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	935878	45.488	ng	100
85) Di-n-octyl phthalate	14.56	149	1631709	44.939	ng	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	1228965	39.530	ng	100
88) Benzo(b)fluoranthene	15.00	252	1305311	40.900	ng	100
89) Benzo(k)fluoranthene	15.03	252	1191088	40.755	ng	100
90) Benzo(a)pyrene	15.36	252	1091979	40.252	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1013586	39.165	ng	100
92) Benzo(g,h,i)perylene	17.29	276	991988	38.994	ng	100

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

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