Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118532.D
Acq On : 13 Jan 2020 14:42
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/14/2020 2:31:31 PM

Quant Time: Jan 14 11:09:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 11:02:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	92640	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	402948	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	217184	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	428799	20.00	ng	0.00
76) Chrysene-d12	14.02	240	276715	20.00	ng	0.00
87) Perylene-d12	15.49	264	249986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	492382	87.74	ng	0.00
7) Phenol-d6	6.46	99	684333	101.99	ng	0.00
23) Nitrobenzene-d5	7.39	82	617223	80.47	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	225319	87.92	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1277181	84.34	ng	0.00
79) Terphenyl-d14	12.94	244	1599294	91.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	77491	41.418	ng	100
3) Pyridine	3.28	79	228753	45.422	ng	100
4) n-Nitrosodimethylamine	3.25	42	121794	48.260	ng	100
6) Aniline	6.49	93	429941	51.537	ng	100
8) 2-Chlorophenol	6.61	128	304386	49.608	ng	100
9) Benzaldehyde	6.37	77	170644	45.685	ng	100
10) Phenol	6.47	94	385581	51.862	ng	100
11) bis(2-Chloroethyl)ether	6.56	93	261260	49.290	ng	100
12) 1,3-Dichlorobenzene	6.76	146	321452	44.815	ng	100
13) 1,4-Dichlorobenzene	6.83	146	334933	45.764	ng	100
14) 1,2-Dichlorobenzene	6.99	146	310111	43.848	ng	100
15) Benzyl Alcohol	6.97	79	246554	45.301	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	268619	45.684	ng	100
17) 2-Methylphenol	7.09	107	228163	45.247	ng	100
18) Hexachloroethane	7.33	117	127017	45.803	ng	100
19) n-Nitroso-di-n-propylamine	7.24	70	204105	47.231	ng	100
20) 3+4-Methylphenols	7.24	107	308957	45.168	ng	100
22) Acetophenone	7.24	105	432149	42.310	ng	100
24) Nitrobenzene	7.41	77	297039	38.944	ng	100
25) Isophorone	7.65	82	515810	41.975	ng	100
26) 2-Nitrophenol	7.73	139	159940	42.471	ng	100
27) 2,4-Dimethylphenol	7.76	122	212324	41.925	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	340804	42.184	ng	100
29) 2,4-Dichlorophenol	7.97	162	250286	42.327	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	301555	43.908	ng	100
31) Naphthalene	8.13	128	920095	43.653	ng	100
32) Benzoic acid	7.93	122	134920	39.943	ng	100
33) 4-Chloroaniline	8.18	127	394729	45.490	ng	100
34) Hexachlorobutadiene	8.24	225	183803	43.599	ng	100
35) Caprolactam	8.57	113	72868m	40.909	ng	
36) 4-Chloro-3-methylphenol	8.67	107	258707	40.696	ng	100
37) 2-Methylnaphthalene	8.82	142	593031	40.996	ng	100
38) 1-Methylnaphthalene	8.92	142	559671	41.207	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	280326	42.009	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	47711	35.445	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	178024	43.172	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	184382	43.209	ng	100
46) 1,1'-Biphenyl	9.29	154	721021	40.631	ng	100
47) 2-Chloronaphthalene	9.32	162	581776	41.422	ng	100
48) 2-Nitroaniline	9.42	65	177878	43.827	ng	100
49) Acenaphthylene	9.73	152	875847	41.892	ng	100
50) Dimethylphthalate	9.59	163	693654	41.613	ng	100
51) 2,6-Dinitrotoluene	9.66	165	152909	42.597	ng	100
52) Acenaphthene	9.90	154	555874	43.539	ng	100
53) 3-Nitroaniline	9.83	138	177308	42.167	ng	100
54) 2,4-Dinitrophenol	9.95	184	57478	39.343	ng	100
55) Dibenzofuran	10.07	168	828619	43.211	ng	100
56) 4-Nitrophenol	10.01	139	90274	44.216	ng	100
57) 2,4-Dinitrotoluene	10.07	165	214497	44.627	ng	100
58) Fluorene	10.42	166	708144	45.944	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	160811	44.563	ng	100
60) Diethylphthalate	10.29	149	747426	44.047	ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	348555	45.259	ng	100
62) 4-Nitroaniline	10.46	138	182879	44.418	ng	100
63) Azobenzene	10.57	77	649355	45.032	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	96417	42.535	ng	100
66) n-Nitrosodiphenylamine	10.53	169	613724	43.950	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	201549	40.129	ng	100
68) Hexachlorobenzene	10.97	284	237942	39.672	ng	100
69) Atrazine	11.06	200	139163	33.539	ng	100
70) Pentachlorophenol	11.17	266	78004	41.766	ng	100
71) Phenanthrene	11.39	178	1041864	43.374	ng	100
72) Anthracene	11.44	178	1025718	42.923	ng	100
73) Carbazole	11.59	167	902457	43.595	ng	100
74) Di-n-butylphthalate	11.92	149	1094898	39.646	ng	100
75) Fluoranthene	12.58	202	976910	40.013	ng	100
77) Benzidine	12.70	184	308759	47.640	ng	100
78) Pyrene	12.81	202	1040590	45.706	ng	100
80) Butylbenzylphthalate	13.42	149	488376	46.840	ng	100
81) Benzo(a)anthracene	14.00	228	842265	43.486	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	279554	44.385	ng	100
83) Chrysene	14.04	228	814964	43.300	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	606800	42.863	ng	100
85) Di-n-octyl phthalate	14.59	149	992113	48.858	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	724875	47.838	ng	100
88) Benzo(b)fluoranthene	15.06	252	622047	34.417	ng	100
89) Benzo(k)fluoranthene	15.09	252	622347	36.075	ng	100
90) Benzo(a)pyrene	15.43	252	634347	42.829	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	603726	43.471	ng	100
92) Benzo(g,h,i)perylene	17.43	276	497216	37.785	ng	100

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

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