Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\
Data File : BF120584.D
Acq On : 9 Jun 2020 17:58
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Manual Integrations APPROVED
mohammad
6/10/2020 11:51:05 AM

Quant Time: Jun 09 18:34:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 18:08:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	177914	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	619078	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	326643	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	646696	20.00	ng	0.00
76) Chrysene-d12	13.96	240	527376	20.00	ng	0.00
86) Perylene-d12	15.40	264	648387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	834844	91.76	ng	0.00
7) Phenol-d6	6.44	99	981477	85.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	914698	92.14	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	288858	85.68	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1540294	79.15	ng	0.00
79) Terphenyl-d14	12.91	244	1847042	81.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	204721	43.120	ng	99
3) Pyridine	3.24	79	549787	43.262	ng	100
4) n-Nitrosodimethylamine	3.19	42	228899	42.551	ng	98
6) Aniline	6.46	93	670052	43.036	ng	97
8) 2-Chlorophenol	6.59	128	459100	43.656	ng	99
9) Benzaldehyde	6.35	77	265970	44.672	ng	99
10) Phenol	6.45	94	570774	42.692	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	448828	42.806	ng	99
12) 1,3-Dichlorobenzene	6.75	146	495658	43.311	ng	99
13) 1,4-Dichlorobenzene	6.82	146	498823	43.148	ng	100
14) 1,2-Dichlorobenzene	6.97	146	464445	41.206	ng	99
15) Benzyl Alcohol	6.95	79	375559	42.031	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	677139	43.731	ng	100
17) 2-Methylphenol	7.06	107	407851	44.180	ng	100
18) Hexachloroethane	7.32	117	183190	43.322	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	294865	41.640	ng	99
20) 3+4-Methylphenols	7.21	107	459825	39.943	ng	92
22) Acetophenone	7.22	105	578648	45.466	ng	100
24) Nitrobenzene	7.39	77	477311	45.790	ng	100
25) Isophorone	7.63	82	867749	45.178	ng	100
26) 2-Nitrophenol	7.70	139	246796	45.910	ng	99
27) 2,4-Dimethylphenol	7.74	122	356033	45.291	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	478628	41.931	ng	100
29) 2,4-Dichlorophenol	7.95	162	345565	42.043	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	390449	42.328	ng	100
31) Naphthalene	8.11	128	1177768	42.402	ng	100
32) Benzoic acid	7.86	122	269888	41.952	ng	97
33) 4-Chloroaniline	8.16	127	517268	41.725	ng	99
34) Hexachlorobutadiene	8.22	225	234986	43.585	ng	98
35) Caprolactam	8.53	113	113987m	40.393	ng	
36) 4-Chloro-3-methylphenol	8.64	107	355038	41.793	ng	99
37) 2-Methylnaphthalene	8.80	142	785987	42.500	ng	99
38) 1-Methylnaphthalene	8.90	142	739640	43.660	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	373763	43.270	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	213470	43.222	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	262295	42.802	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	301374	43.255	ng	98
46) 1,1'-Biphenyl	9.26	154	938849	42.347	ng	100
47) 2-Chloronaphthalene	9.29	162	767847	42.015	ng	99
48) 2-Nitroaniline	9.38	65	237733	41.785	ng	100
49) Acenaphthylene	9.70	152	1195091	43.198	ng	100
50) Dimethylphthalate	9.56	163	896935	41.366	ng	99
51) 2,6-Dinitrotoluene	9.62	165	205957	42.683	ng	98
52) Acenaphthene	9.87	154	705115m	42.643	ng	
53) 3-Nitroaniline	9.79	138	240713	42.188	ng	100
54) 2,4-Dinitrophenol	9.90	184	114424	44.004	ng	97
55) Dibenzofuran	10.05	168	1075952	43.057	ng	100
56) 4-Nitrophenol	9.96	139	182231	43.800	ng	99
57) 2,4-Dinitrotoluene	10.03	165	275605	43.818	ng	99
58) Fluorene	10.39	166	811760	43.237	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	234842	43.201	ng	99
60) Diethylphthalate	10.26	149	891540	42.662	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	418494	43.177	ng	99
62) 4-Nitroaniline	10.40	138	241368	41.937	ng	99
63) Azobenzene	10.54	77	804554	41.141	ng	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	153928	44.382	ng	100
66) n-Nitrosodiphenylamine	10.50	169	756621	43.676	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	279677	43.296	ng	98
68) Hexachlorobenzene	10.93	284	301765	43.473	ng	99
69) Atrazine	11.03	200	215230	43.854	ng	99
70) Pentachlorophenol	11.13	266	166539	44.453	ng	99
71) Phenanthrene	11.35	178	1229162	43.029	ng	100
72) Anthracene	11.40	178	1245307	43.130	ng	100
73) Carbazole	11.56	167	1212647	43.025	ng	99
74) Di-n-butylphthalate	11.89	149	1409922	42.070	ng	100
75) Fluoranthene	12.54	202	1379586	41.879	ng	98
77) Benzidine	12.66	184	534209	42.570	ng	99
78) Pyrene	12.77	202	1434568	42.938	ng	99
80) Butylbenzylphthalate	13.39	149	630936	43.150	ng	93
81) Benzo(a)anthracene	13.96	228	1214462	42.390	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	454743	43.358	ng	98
83) Chrysene	13.99	228	1269056	43.636	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	790415	42.648	ng	100
85) Di-n-octyl phthalate	14.56	149	1505592	44.858	ng	100
87) Indeno(1,2,3-cd)pyrene	16.84	276	1606784	44.031	ng	100
88) Benzo(b)fluoranthene	14.99	252	1342435	39.657	ng	100
89) Benzo(k)fluoranthene	15.02	252	1247340	40.646	ng	99
90) Benzo(a)pyrene	15.35	252	1270773	41.234	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	1303030	44.214	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1262898	43.784	ng	98

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

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