Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119847.D
Acq On : 9 Apr 2020 2:05
Operator : MA/SJ
Sample : PB128072BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128072BS

Manual Integrations APPROVED
mohammad
4/10/2020 9:57:23 AM

Quant Time: Apr 09 03:32:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	150288	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	570585	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	287665	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	584678	20.00	ng	0.00
76) Chrysene-d12	13.94	240	474693	20.00	ng	0.00
87) Perylene-d12	15.37	264	412436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1078398	124.01	ng	0.01
7) Phenol-d6	6.40	99	1366040	121.91	ng	0.00
23) Nitrobenzene-d5	7.33	82	832329	75.47	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	401245	113.93	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1787099	88.20	ng	0.00
79) Terphenyl-d14	12.89	244	2167604	76.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	137387	35.470	ng	99
3) Pyridine	3.24	79	371554	34.963	ng	99
4) n-Nitrosodimethylamine	3.19	42	226492	41.713	ng	99
6) Aniline	6.43	93	330057	22.441	ng	99
8) 2-Chlorophenol	6.55	128	418482	43.069	ng	98
9) Benzaldehyde	6.31	77	177983	24.956	ng	96
10) Phenol	6.42	94	528904	41.604	ng	93
11) bis(2-Chloroethyl)ether	6.50	93	398035	40.551	ng	99
12) 1,3-Dichlorobenzene	6.70	146	427679	40.204	ng	97
13) 1,4-Dichlorobenzene	6.79	146	450358	41.561	ng	96
14) 1,2-Dichlorobenzene	6.94	146	409430	40.998	ng	97
15) Benzyl Alcohol	6.91	79	336429m	38.655	ng	
16) 2,2'-oxybis(1-Chloropropan	7.05	45	734038	38.430	ng	99
17) 2-Methylphenol	7.03	107	345939	39.895	ng	98
18) Hexachloroethane	7.28	117	161066	39.772	ng	93
19) n-Nitroso-di-n-propylamine	7.19	70	291181	40.409	ng	98
20) 3+4-Methylphenols	7.18	107	432036	40.738	ng	93
22) Acetophenone	7.17	105	567504	42.474	ng	95
24) Nitrobenzene	7.35	77	417394	37.620	ng	99
25) Isophorone	7.59	82	813970	38.284	ng	100
26) 2-Nitrophenol	7.67	139	231940	41.843	ng	94
27) 2,4-Dimethylphenol	7.71	122	366086	43.790	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	500917	40.038	ng	99
29) 2,4-Dichlorophenol	7.91	162	333769	38.950	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	381135	39.253	ng	100
31) Naphthalene	8.07	128	1175364	39.153	ng	99
32) Benzoic acid	7.83	122	277445	37.788	ng	99
33) 4-Chloroaniline	8.12	127	159367	12.194	ng	98
34) Hexachlorobutadiene	8.19	225	227496	39.141	ng	99
35) Caprolactam	8.49	113	111365m	42.485	ng	
36) 4-Chloro-3-methylphenol	8.62	107	401675	43.295	ng	96
37) 2-Methylnaphthalene	8.77	142	842326	41.386	ng	99
38) 1-Methylnaphthalene	8.87	142	763682	39.810	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	347668	38.265	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	442380	85.625	ng	98
43) 2,4,6-Trichlorophenol	9.05	196	270200	43.066	ng	97
44) 2,4,5-Trichlorophenol	9.09	196	305031	43.166	ng	98
46) 1,1'-Biphenyl	9.23	154	1065220	43.871	ng	99
47) 2-Chloronaphthalene	9.26	162	820451	43.864	ng	98
48) 2-Nitroaniline	9.35	65	292136	43.099	ng	96
49) Acenaphthylene	9.67	152	1223437	43.009	ng	99
50) Dimethylphthalate	9.54	163	926697	41.648	ng	99
51) 2,6-Dinitrotoluene	9.60	165	206416	42.364	ng	86
52) Acenaphthene	9.85	154	836451m	44.081	ng	
53) 3-Nitroaniline	9.76	138	97629	17.544	ng	92
54) 2,4-Dinitrophenol	9.87	184	243737	83.553	ng	95
55) Dibenzofuran	10.02	168	1090512	41.880	ng	100
56) 4-Nitrophenol	9.93	139	332134	80.215	ng	97
57) 2,4-Dinitrotoluene	10.00	165	263980	41.121	ng	95
58) Fluorene	10.36	166	828684	39.794	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.13	232	224054	41.457	ng	98
60) Diethylphthalate	10.24	149	920673	39.923	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	396202	37.121	ng	93
62) 4-Nitroaniline	10.38	138	202198	38.127	ng	95
63) Azobenzene	10.52	77	830843	40.201	ng	98
65) 4,6-Dinitro-2-methylphenol	10.41	198	159809	41.488	ng	88
66) n-Nitrosodiphenylamine	10.47	169	779958	40.111	ng	99
67) 4-Bromophenyl-phenylether	10.85	248	275597	37.903	ng	95
68) Hexachlorobenzene	10.91	284	284500	38.570	ng	96
69) Atrazine	11.00	200	231040	42.705	ng	98
70) Pentachlorophenol	11.10	266	343648	80.844	ng	98
71) Phenanthrene	11.32	178	1253084	40.270	ng	98
72) Anthracene	11.37	178	1321920	41.585	ng	99
73) Carbazole	11.53	167	1201341	39.963	ng	98
74) Di-n-butylphthalate	11.86	149	1560869	39.498	ng	99
75) Fluoranthene	12.51	202	1496479	44.571	ng	99
77) Benzidine	12.63	184	533711	33.261	ng	97
78) Pyrene	12.74	202	1522497	38.046	ng	100
80) Butylbenzylphthalate	13.36	149	639528	32.935	ng	100
81) Benzo(a)anthracene	13.93	228	1206246	38.627	ng	99
82) 3,3'-Dichlorobenzidine	13.89	252	268101	23.009	ng	98
83) Chrysene	13.97	228	1225871	38.634	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	940367	35.761	ng	99
85) Di-n-octyl phthalate	14.54	149	1556125	34.756	ng	100
86) Indeno(1,2,3-cd)pyrene	16.79	276	1009498	36.092	ng	100
88) Benzo(b)fluoranthene	14.96	252	1118384	37.695	ng	99
89) Benzo(k)fluoranthene	14.99	252	1132264	44.230	ng	99
90) Benzo(a)pyrene	15.32	252	987341	39.579	ng	99
91) Dibenzo(a,h)anthracene	16.81	278	853399	38.620	ng	100
92) Benzo(g,h,i)perylene	17.22	276	795228	36.458	ng	98

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

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