Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119894.D
Acq On : 10 Apr 2020 15:03
Operator : MA/SJ
Sample : PB128092BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128092BS

Manual Integrations APPROVED
mohammad
4/14/2020 3:39:04 PM

Quant Time: Apr 10 15:41:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 13:48:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	197594	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	769502	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	401075	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	772451	20.00	ng	0.00
76) Chrysene-d12	13.93	240	540898	20.00	ng	0.00
87) Perylene-d12	15.36	264	505520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1384153	121.06	ng	0.01
7) Phenol-d6	6.39	99	1771524	120.24	ng	0.00
23) Nitrobenzene-d5	7.32	82	1099731	73.93	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	550515	112.11	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2155171	76.29	ng	0.00
79) Terphenyl-d14	12.87	244	2491313	77.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	160367	31.491	ng	96
3) Pyridine	3.20	79	460779	32.978	ng	99
4) n-Nitrosodimethylamine	3.15	42	278244	38.976	ng	97
6) Aniline	6.42	93	704361	36.426	ng	99
8) 2-Chlorophenol	6.54	128	568783	44.523	ng	99
9) Benzaldehyde	6.30	77	193666	18.996	ng	98
10) Phenol	6.40	94	705746	42.224	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	528413	40.945	ng	100
12) 1,3-Dichlorobenzene	6.69	146	549984	39.324	ng	98
13) 1,4-Dichlorobenzene	6.77	146	564493	39.622	ng	100
14) 1,2-Dichlorobenzene	6.93	146	527333	40.162	ng	97
15) Benzyl Alcohol	6.90	79	423465	37.007	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	948288	37.761	ng	99
17) 2-Methylphenol	7.02	107	453665	39.793	ng	97
18) Hexachloroethane	7.27	117	214970	40.374	ng	92
19) n-Nitroso-di-n-propylamine	7.17	70	378998	40.004	ng	98
20) 3+4-Methylphenols	7.17	107	557148	39.958	ng	96
22) Acetophenone	7.17	105	725516	40.263	ng	98
24) Nitrobenzene	7.34	77	584367	39.054	ng	99
25) Isophorone	7.58	82	1092179	38.090	ng	99
26) 2-Nitrophenol	7.66	139	305195	40.826	ng	93
27) 2,4-Dimethylphenol	7.70	122	480661	42.633	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	685241	40.613	ng	99
29) 2,4-Dichlorophenol	7.90	162	472084	40.850	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	495969	37.876	ng	100
31) Naphthalene	8.06	128	1579751	39.020	ng	100
32) Benzoic acid	7.83	122	402564	40.656	ng	92
33) 4-Chloroaniline	8.11	127	517096	29.339	ng	99
34) Hexachlorobutadiene	8.18	225	281318	35.889	ng	98
35) Caprolactam	8.49	113	155236m	43.913	ng	
36) 4-Chloro-3-methylphenol	8.60	107	523919	41.873	ng	96
37) 2-Methylnaphthalene	8.75	142	1089591	39.696	ng	99
38) 1-Methylnaphthalene	8.85	142	1028399	39.751	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	476878	37.645	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	586653	81.442	ng		98
43) 2,4,6-Trichlorophenol	9.03	196	355212	40.607	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	378384	38.405	ng		97
46) 1,1'-Biphenyl	9.22	154	1318878	38.959	ng		99
47) 2-Chloronaphthalene	9.25	162	1025175	39.311	ng		99
48) 2-Nitroaniline	9.34	65	378319	40.032	ng		97
49) Acenaphthylene	9.66	152	1641554	41.390	ng		100
50) Dimethylphthalate	9.53	163	1228997	39.616	ng		99
51) 2,6-Dinitrotoluene	9.59	165	277081	40.787	ng		87
52) Acenaphthene	9.83	154	1007799	38.093	ng		99
53) 3-Nitroaniline	9.75	138	235591	30.365	ng		97
54) 2,4-Dinitrophenol	9.86	184	354713	87.212	ng		92
55) Dibenzofuran	10.00	168	1468512	40.450	ng		99
56) 4-Nitrophenol	9.92	139	480110	83.166	ng		98
57) 2,4-Dinitrotoluene	9.99	165	368487	41.170	ng		97
58) Fluorene	10.35	166	1135452	39.107	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	324540	43.070	ng		98
60) Diethylphthalate	10.23	149	1254675	39.022	ng		100
61) 4-Chlorophenyl-phenylether	10.34	204	541706	36.402	ng		97
62) 4-Nitroaniline	10.37	138	310949	42.053	ng		96
63) Azobenzene	10.50	77	1173608	40.729	ng		95
65) 4,6-Dinitro-2-methylphenol	10.40	198	223989	44.015	ng		82
66) n-Nitrosodiphenylamine	10.46	169	1056172	41.113	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	363738	37.865	ng		97
68) Hexachlorobenzene	10.90	284	396694	40.707	ng		93
69) Atrazine	10.99	200	313112	43.806	ng		98
70) Pentachlorophenol	11.09	266	445397	79.310	ng		99
71) Phenanthrene	11.31	178	1657641	40.321	ng		98
72) Anthracene	11.36	178	1718488	40.919	ng		100
73) Carbazole	11.52	167	1596453	40.197	ng		99
74) Di-n-butylphthalate	11.85	149	1953392	37.414	ng		99
75) Fluoranthene	12.50	202	1787549	40.298	ng		100
77) Benzidine	12.62	184	946862	51.787	ng		97
78) Pyrene	12.73	202	1821245	39.941	ng		99
80) Butylbenzylphthalate	13.35	149	809357	36.579	ng		99
81) Benzo(a)anthracene	13.92	228	1411664	39.672	ng		99
82) 3,3'-Dichlorobenzidine	13.88	252	429297	32.334	ng		96
83) Chrysene	13.96	228	1457750	40.318	ng		99
84) Bis(2-ethylhexyl)phthalate	13.91	149	1007630	33.629	ng	#	98
85) Di-n-octyl phthalate	14.53	149	1730079	33.912	ng		99
86) Indeno(1,2,3-cd)pyrene	16.77	276	1277583	40.086	ng		98
88) Benzo(b)fluoranthene	14.95	252	1401248	38.532	ng		99
89) Benzo(k)fluoranthene	14.98	252	1306424	41.636	ng		99
90) Benzo(a)pyrene	15.30	252	1219706	39.890	ng		99
91) Dibenzo(a,h)anthracene	16.79	278	1069410	39.484	ng		98
92) Benzo(g,h,i)perylene	17.20	276	1051147	39.317	ng		97

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

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