Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF119989.D
Acq On : 15 Apr 2020 13:12
Operator : MA/SJ
Sample : PB128203BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128203BS

Manual Integrations APPROVED
mohammad
4/16/2020 12:52:42 PM

Quant Time: Apr 15 14:21:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	178271	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	698050	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	368279	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	705555	20.00	ng	0.00
76) Chrysene-d12	13.90	240	503236	20.00	ng	0.00
87) Perylene-d12	15.32	264	444754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1283928	124.47	ng	0.01
7) Phenol-d6	6.37	99	1624192	122.19	ng	0.00
23) Nitrobenzene-d5	7.29	82	1015211	75.24	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	447183	99.18	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1991361	76.77	ng	0.00
79) Terphenyl-d14	12.84	244	2174347	72.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.45	88	188208	40.963	ng	93
3) Pyridine	3.15	79	505318	40.086	ng	99
4) n-Nitrosodimethylamine	3.10	42	264512	41.069	ng	89
6) Aniline	6.39	93	592644	33.970	ng	96
8) 2-Chlorophenol	6.51	128	539412	46.800	ng	98
9) Benzaldehyde	6.27	77	241996	30.618	ng	99
10) Phenol	6.38	94	679763	45.078	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	513237	44.080	ng	99
12) 1,3-Dichlorobenzene	6.66	146	543981	43.110	ng	98
13) 1,4-Dichlorobenzene	6.75	146	555986	43.254	ng	98
14) 1,2-Dichlorobenzene	6.90	146	519694	43.871	ng	97
15) Benzyl Alcohol	6.87	79	435398	42.174	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	907676	40.061	ng	98
17) 2-Methylphenol	6.99	107	435204	42.311	ng	99
18) Hexachloroethane	7.24	117	209841	43.682	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	370755	43.376	ng	98
20) 3+4-Methylphenols	7.14	107	532745	42.349	ng	93
22) Acetophenone	7.14	105	709857	43.427	ng	99
24) Nitrobenzene	7.31	77	555842	40.950	ng	99
25) Isophorone	7.56	82	1041878	40.056	ng	100
26) 2-Nitrophenol	7.63	139	292478	43.129	ng	95
27) 2,4-Dimethylphenol	7.67	122	450102	44.009	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	667209	43.592	ng	100
29) 2,4-Dichlorophenol	7.87	162	449766	42.902	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	479049	40.328	ng	98
31) Naphthalene	8.03	128	1538352	41.887	ng	100
32) Benzoic acid	7.80	122	350995	39.076	ng	97
33) 4-Chloroaniline	8.08	127	301565	18.861	ng	97
34) Hexachlorobutadiene	8.15	225	275438	38.736	ng	99
35) Caprolactam	8.46	113	142283m	44.368	ng	
36) 4-Chloro-3-methylphenol	8.57	107	489275	43.107	ng	96
37) 2-Methylnaphthalene	8.73	142	1049774	42.161	ng	98
38) 1-Methylnaphthalene	8.83	142	988771	42.131	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	463943	39.886	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	562297	85.012	ng	98
43) 2,4,6-Trichlorophenol	9.00	196	338176	42.102	ng	98
44) 2,4,5-Trichlorophenol	9.05	196	356388	39.394	ng	95
46) 1,1'-Biphenyl	9.19	154	1277674	41.103	ng	99
47) 2-Chloronaphthalene	9.22	162	989853	41.337	ng	98
48) 2-Nitroaniline	9.32	65	348687	40.182	ng	97
49) Acenaphthylene	9.63	152	1544858	42.421	ng	99
50) Dimethylphthalate	9.50	163	1176195	41.290	ng	99
51) 2,6-Dinitrotoluene	9.56	165	262176	42.029	ng	97
52) Acenaphthene	9.80	154	940241	38.704	ng	99
53) 3-Nitroaniline	9.73	138	169217	23.752	ng	95
54) 2,4-Dinitrophenol	9.84	184	315065	84.363	ng	96
55) Dibenzofuran	9.97	168	1411022	42.327	ng	99
56) 4-Nitrophenol	9.90	139	430400	81.195	ng	98
57) 2,4-Dinitrotoluene	9.96	165	345584	42.049	ng	95
58) Fluorene	10.32	166	1077328	40.409	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	298456	43.135	ng	99
60) Diethylphthalate	10.20	149	1205688	40.838	ng	99
61) 4-Chlorophenyl-phenylether	10.31	204	524101	38.355	ng	96
62) 4-Nitroaniline	10.35	138	279984	41.238	ng	97
63) Azobenzene	10.47	77	1122745	42.434	ng	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	205242	44.155	ng	95
66) n-Nitrosodiphenylamine	10.43	169	1002461	42.722	ng	99
67) 4-Bromophenyl-phenylether	10.80	248	328067	37.390	ng	98
68) Hexachlorobenzene	10.87	284	355360	39.923	ng	94
69) Atrazine	10.96	200	310749	47.598	ng	97
70) Pentachlorophenol	11.06	266	385801	75.211	ng	99
71) Phenanthrene	11.28	178	1575086	41.946	ng	99
72) Anthracene	11.33	178	1622200	42.289	ng	100
73) Carbazole	11.49	167	1496930	41.265	ng	99
74) Di-n-butylphthalate	11.82	149	1918307	40.226	ng	99
75) Fluoranthene	12.47	202	1714119	42.307	ng	99
77) Benzidine	12.59	184	686083	40.332	ng	96
78) Pyrene	12.70	202	1734787	40.892	ng	99
80) Butylbenzylphthalate	13.32	149	809107	39.305	ng	99
81) Benzo(a)anthracene	13.89	228	1358745	41.042	ng	100
82) 3,3'-Dichlorobenzidine	13.85	252	328898	26.626	ng	98
83) Chrysene	13.92	228	1434527	42.645	ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	1050890	37.698	ng	99
85) Di-n-octyl phthalate	14.50	149	1859579	39.178	ng	98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1138433	38.393	ng	97
88) Benzo(b)fluoranthene	14.92	252	1334446	41.709	ng	99
89) Benzo(k)fluoranthene	14.94	252	1180077	42.748	ng	99
90) Benzo(a)pyrene	15.26	252	1117998	41.560	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	956239	40.130	ng	96
92) Benzo(g,h,i)perylene	17.12	276	921046	39.158	ng	97

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

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