Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120990.D
Acq On : 23 Jul 2020 19:54
Operator : JU/CG
Sample : PB130431BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 24 05:25:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB130431BS

Manual Integrations APPROVED
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7/24/2020 12:12:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	155537	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	607697	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	316319	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	612934	20.00	ng		0.00
76) Chrysene-d12	13.97	240	472022	20.00	ng		0.00
86) Perylene-d12	15.42	264	473845	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1037468	109.35	ng		0.01
7) Phenol-d6	6.45	99	1288631	105.15	ng		0.00
23) Nitrobenzene-d5	7.37	82	811663	77.28	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	402800	116.33	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1501852	70.89	ng		0.00
79) Terphenyl-d14	12.92	244	1608143	74.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	152883	35.012	ng		100
3) Pyridine	3.33	79	362649	31.220	ng		99
4) n-Nitrosodimethylamine	3.27	42	192389	38.733	ng		96
6) Aniline	6.47	93	541183	33.829	ng		99
8) 2-Chlorophenol	6.60	128	437317	41.841	ng		98
9) Benzaldehyde	6.36	77	308173	58.659	ng		98
10) Phenol	6.46	94	525916	39.010	ng		94
11) bis(2-Chloroethyl)ether	6.55	93	409584	39.642	ng		98
12) 1,3-Dichlorobenzene	6.75	146	440482	38.865	ng		99
13) 1,4-Dichlorobenzene	6.83	146	445423	39.524	ng		99
14) 1,2-Dichlorobenzene	6.98	146	430673	40.395	ng		98
15) Benzyl Alcohol	6.96	79	344426	39.740	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	573746	38.526	ng		99
17) 2-Methylphenol	7.07	107	343442	37.073	ng		99
18) Hexachloroethane	7.33	117	163908	40.184	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	271880	39.013	ng		98
20) 3+4-Methylphenols	7.22	107	391937	33.259	ng	#	88
22) Acetophenone	7.22	105	539755	39.576	ng	#	93
24) Nitrobenzene	7.39	77	432996	38.252	ng		98
25) Isophorone	7.63	82	806223	38.464	ng		97
26) 2-Nitrophenol	7.71	139	225822	42.006	ng		97
27) 2,4-Dimethylphenol	7.75	122	380441	43.586	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	516899	40.400	ng		98
29) 2,4-Dichlorophenol	7.95	162	359282	40.282	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	387827	39.192	ng		98
31) Naphthalene	8.12	128	1209805	38.811	ng		100
32) Benzoic acid	7.87	122	257802	39.346	ng		98
33) 4-Chloroaniline	8.17	127	373793	26.881	ng		97
34) Hexachlorobutadiene	8.24	225	221569	37.982	ng		99
35) Caprolactam	8.54	113	115239	40.290	ng		93
36) 4-Chloro-3-methylphenol	8.65	107	375621	41.063	ng		99
37) 2-Methylnaphthalene	8.81	142	822057	40.615	ng		99
38) 1-Methylnaphthalene	8.91	142	772293	40.288	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	365835	39.695	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	412529	80.990 ng	98
43) 2,4,6-Trichlorophenol	9.09	196	266621	41.088 ng	99
44) 2,4,5-Trichlorophenol	9.13	196	281298	38.216 ng	99
46) 1,1'-Biphenyl	9.27	154	991615	41.097 ng	99
47) 2-Chloronaphthalene	9.30	162	763365	38.804 ng	98
48) 2-Nitroaniline	9.39	65	238295	40.083 ng	98
49) Acenaphthylene	9.72	152	1229879	40.243 ng	100
50) Dimethylphthalate	9.57	163	918727	40.259 ng	98
51) 2,6-Dinitrotoluene	9.63	165	206614	42.142 ng	96
52) Acenaphthene	9.89	154	789873m	40.652 ng	
53) 3-Nitroaniline	9.80	138	168811	27.454 ng	99
54) 2,4-Dinitrophenol	9.91	184	161085	59.039 ng	88
55) Dibenzofuran	10.06	168	1097079	39.045 ng	99
56) 4-Nitrophenol	9.97	139	358347	76.719 ng	99
57) 2,4-Dinitrotoluene	10.04	165	276238	42.905 ng	98
58) Fluorene	10.40	166	798268	38.093 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	242899	43.342 ng	97
60) Diethylphthalate	10.27	149	927868	40.198 ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	395473	35.382 ng	96
62) 4-Nitroaniline	10.42	138	228128	38.087 ng	98
63) Azobenzene	10.55	77	875822	39.856 ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	118250	34.508 ng	98
66) n-Nitrosodiphenylamine	10.51	169	782715	40.594 ng	100
67) 4-Bromophenyl-phenylether	10.88	248	266605	39.013 ng	95
68) Hexachlorobenzene	10.95	284	304028	41.128 ng	93
69) Atrazine	11.04	200	227413	47.623 ng	98
70) Pentachlorophenol	11.14	266	349194	82.455 ng	100
71) Phenanthrene	11.36	178	1242789	39.424 ng	100
72) Anthracene	11.41	178	1291593	40.803 ng	99
73) Carbazole	11.56	167	1214673	38.667 ng	100
74) Di-n-butylphthalate	11.90	149	1495929	41.265 ng	100
75) Fluoranthene	12.55	202	1373799	39.317 ng	99
77) Benzidine	12.67	184	778010	62.691 ng	99
78) Pyrene	12.77	202	1399036	41.922 ng	100
80) Butylbenzylphthalate	13.40	149	660527	44.400 ng	94
81) Benzo(a)anthracene	13.96	228	1123306	39.299 ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	415782	38.557 ng	99
83) Chrysene	14.00	228	1197736	39.874 ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	821198	44.764 ng	100
85) Di-n-octyl phthalate	14.56	149	1630888	44.685 ng	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1294485	39.281 ng	100
88) Benzo(b)fluoranthene	15.00	252	1166831	40.738 ng	99
89) Benzo(k)fluoranthene	15.03	252	1192293	45.644 ng	100
90) Benzo(a)pyrene	15.36	252	1087162	41.603 ng	100
91) Dibenzo(a,h)anthracene	16.86	278	1092086	40.570 ng	99
92) Benzo(g,h,i)perylene	17.27	276	1056367	39.800 ng	98

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

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