Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002597.D
Acq On : 01 Jul 2020 09:48
Operator : CG/JU
Sample : L2819-08MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-03-062620MS

Manual Integrations APPROVED
mohammad
7/1/2020 2:33:40 PM

Quant Time: Jul 01 10:48:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	134219	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	476782	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	451038	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	806066	20.00	ng	0.00
76) Chrysene-d12	21.09	240	988567	20.00	ng	0.00
86) Perylene-d12	23.29	264	907223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1295457	163.42	ng	0.00
7) Phenol-d6	6.77	99	1710704	154.61	ng	0.00
23) Nitrobenzene-d5	8.72	82	1221854	132.04	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	613345	111.80	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2099357	68.51	ng	0.00
79) Terphenyl-d14	19.57	244	4321298	94.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	132575	39.020	ng	# 61
3) Pyridine	3.53	79	427466	42.450	ng	99
4) n-Nitrosodimethylamine	3.44	42	214843	50.262	ng	92
6) Aniline	6.90	93	766714	55.160	ng	99
8) 2-Chlorophenol	7.15	128	503883	57.221	ng	98
9) Benzaldehyde	6.72	77	213080	36.088	ng	99
10) Phenol	6.79	94	639726	57.334	ng	96
11) bis(2-Chloroethyl)ether	7.00	93	524800	57.305	ng	98
12) 1,3-Dichlorobenzene	7.46	146	502110	49.414	ng	99
13) 1,4-Dichlorobenzene	7.60	146	533644	51.549	ng	98
14) 1,2-Dichlorobenzene	7.92	146	538819	54.072	ng	99
15) Benzyl Alcohol	7.82	79	514582	61.894	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.11	45	714529	56.000	ng	98
17) 2-Methylphenol	8.03	107	481476	57.650	ng	97
18) Hexachloroethane	8.64	117	180552	48.324	ng	98
19) n-Nitroso-di-n-propylamine	8.38	70	428525	59.029	ng	99
20) 3+4-Methylphenols	8.36	107	649174	57.654	ng	99
22) Acetophenone	8.39	105	802767	66.522	ng	97
24) Nitrobenzene	8.76	77	587116	59.944	ng	100
25) Isophorone	9.28	82	1193820	64.370	ng	99
26) 2-Nitrophenol	9.46	139	287080	64.268	ng	97
27) 2,4-Dimethylphenol	9.55	122	477133	70.492	ng	98
28) bis(2-Chloroethoxy)methane	9.77	93	670479	62.935	ng	99
29) 2,4-Dichlorophenol	10.00	162	618857	79.333	ng	98
30) 1,2,4-Trichlorobenzene	10.21	180	500451	56.985	ng	98
31) Naphthalene	10.39	128	1233788	48.883	ng	99
32) Benzoic acid	9.72	122	213224	41.538	ng	98
33) 4-Chloroaniline	10.50	127	436249	39.515	ng	99
34) Hexachlorobutadiene	10.69	225	229458	42.687	ng	98
35) Caprolactam	11.28	113	137305m	52.362	ng	
36) 4-Chloro-3-methylphenol	11.66	107	503241	58.860	ng	99
37) 2-Methylnaphthalene	12.02	142	976547	53.064	ng	99
38) 1-Methylnaphthalene	12.24	142	921710	53.179	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	484852	34.426	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	343599	48.558 ng	99
43) 2,4,6-Trichlorophenol	12.65	196	376428	39.502 ng	97
44) 2,4,5-Trichlorophenol	12.72	196	410468	37.418 ng	98
46) 1,1'-Biphenyl	13.05	154	1601624	46.944 ng	99
47) 2-Chloronaphthalene	13.09	162	1356032	48.826 ng	98
48) 2-Nitroaniline	13.29	65	512356	57.828 ng	95
49) Acenaphthylene	13.94	152	2136724	48.886 ng	99
50) Dimethylphthalate	13.69	163	2118987	59.815 ng	100
51) 2,6-Dinitrotoluene	13.80	165	404179	52.828 ng	96
52) Acenaphthene	14.29	154	1264031	49.016 ng	99
53) 3-Nitroaniline	14.13	138	388413	46.624 ng	97
54) 2,4-Dinitrophenol	14.35	184	443258	91.967 ng	92
55) Dibenzofuran	14.63	168	2139308	51.191 ng	99
56) 4-Nitrophenol	14.47	139	683880	103.261 ng	96
57) 2,4-Dinitrotoluene	14.60	165	601963	58.488 ng	96
58) Fluorene	15.28	166	1434058	45.056 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	492569	55.584 ng	99
60) Diethylphthalate	15.07	149	1724669	48.960 ng	100
61) 4-Chlorophenyl-phenylether	15.28	204	708703	41.521 ng	99
62) 4-Nitroaniline	15.31	138	450692	54.128 ng	93
63) Azobenzene	15.57	77	1546774	45.412 ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	309438	58.986 ng	97
66) n-Nitrosodiphenylamine	15.50	169	1309134	55.635 ng	99
67) 4-Bromophenyl-phenylether	16.18	248	414858	45.799 ng	98
68) Hexachlorobenzene	16.30	284	461445	47.552 ng	97
69) Atrazine	16.46	200	389615	51.601 ng	99
70) Pentachlorophenol	16.65	266	582978	104.285 ng	98
71) Phenanthrene	17.02	178	2168547	50.001 ng	99
72) Anthracene	17.12	178	2169402	50.267 ng	99
73) Carbazole	17.39	167	2104762	50.463 ng	100
74) Di-n-butylphthalate	17.97	149	2478930	50.466 ng	99
75) Fluoranthene	19.01	202	2737910	52.154 ng	100
77) Benzidine	19.20	184	2125032	Below Cal	100
78) Pyrene	19.36	202	3650511	54.252 ng	99
80) Butylbenzylphthalate	20.26	149	1479492	50.364 ng	98
81) Benzo(a)anthracene	21.08	228	3162972	48.940 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	1195270	50.516 ng	98
83) Chrysene	21.13	228	2945951	47.535 ng	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	2065934	48.976 ng	99
85) Di-n-octyl phthalate	21.89	149	3026546	40.622 ng	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	3217926	49.263 ng	99
88) Benzo(b)fluoranthene	22.63	252	3005909	51.925 ng	99
89) Benzo(k)fluoranthene	22.68	252	2760075	51.108 ng	98
90) Benzo(a)pyrene	23.20	252	2724256	51.282 ng	98
91) Dibenzo(a,h)anthracene	25.53	278	2599432	48.700 ng	99
92) Benzo(g,h,i)perylene	26.19	276	2672098	50.056 ng	99

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

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