Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060220\
Data File : BP002352.D
Acq On : 02 Jun 2020 12:03
Operator : CG/JU
Sample : L2813-06MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EO-02-052920MS

Manual Integrations APPROVED
mohammad
6/3/2020 4:36:47 PM

Quant Time: Jun 02 15:07:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 12:11:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	235923	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	882746	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	487292	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	990277	20.00	ng	0.00
76) Chrysene-d12	21.12	240	901464	20.00	ng	0.00
86) Perylene-d12	23.33	264	1011768	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1757512	139.91	ng	0.00
7) Phenol-d6	6.80	99	1968884	115.22	ng	0.00
23) Nitrobenzene-d5	8.76	82	1637756	111.54	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	699802	151.53	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3101836	112.32	ng	0.00
79) Terphenyl-d14	19.60	244	3952878	106.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	277076	47.967	ng	# 45
3) Pyridine	3.57	79	411393	24.884	ng	100
4) n-Nitrosodimethylamine	3.48	42	317558	49.867	ng	98
6) Aniline	6.94	93	602238	25.507	ng	99
8) 2-Chlorophenol	7.18	128	748374	52.063	ng	98
9) Benzaldehyde	6.75	77	409811	42.906	ng	98
10) Phenol	6.83	94	763329	40.597	ng	99
11) bis(2-Chloroethyl)ether	7.05	93	790847	50.521	ng	98
12) 1,3-Dichlorobenzene	7.50	146	824041	50.027	ng	99
13) 1,4-Dichlorobenzene	7.65	146	840687	50.819	ng	97
14) 1,2-Dichlorobenzene	7.96	146	785402	49.660	ng	98
15) Benzyl Alcohol	7.85	79	644532	49.639	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1065714	49.344	ng	99
17) 2-Methylphenol	8.06	107	601269	44.772	ng	97
18) Hexachloroethane	8.68	117	286321	48.361	ng	95
19) n-Nitroso-di-n-propylamine	8.42	70	562107	49.605	ng	99
20) 3+4-Methylphenols	8.39	107	779105	42.692	ng	94
22) Acetophenone	8.42	105	1076865	53.430	ng	100
24) Nitrobenzene	8.80	77	868739	54.276	ng	97
25) Isophorone	9.32	82	1593077	52.830	ng	100
26) 2-Nitrophenol	9.50	139	386101	56.619	ng	98
27) 2,4-Dimethylphenol	9.58	122	657560	58.564	ng	99
28) bis(2-Chloroethoxy)methane	9.81	93	992717	54.101	ng	99
29) 2,4-Dichlorophenol	10.04	162	677063	54.721	ng	100
30) 1,2,4-Trichlorobenzene	10.25	180	745212	53.484	ng	98
31) Naphthalene	10.43	128	2209621	53.375	ng	99
32) Benzoic acid	9.73	122	352869	41.230	ng	99
33) 4-Chloroaniline	10.55	127	188159	10.347	ng	99
34) Hexachlorobutadiene	10.73	225	430538	52.981	ng	99
35) Caprolactam	11.31	113	154129	35.964	ng	98
36) 4-Chloro-3-methylphenol	11.69	107	689741	51.763	ng	99
37) 2-Methylnaphthalene	12.06	142	1541106	53.092	ng	99
38) 1-Methylnaphthalene	12.27	142	1438976	52.222	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	737168	56.927	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	683923	99.337 ng		100
43) 2,4,6-Trichlorophenol	12.68	196	509971	56.876 ng		99
44) 2,4,5-Trichlorophenol	12.75	196	552686	53.117 ng		98
46) 1,1'-Biphenyl	13.09	154	1846192	57.817 ng		98
47) 2-Chloronaphthalene	13.12	162	1421546	53.959 ng		100
48) 2-Nitroaniline	13.32	65	467600	57.720 ng		96
49) Acenaphthylene	13.97	152	2320321	55.584 ng		99
50) Dimethylphthalate	13.72	163	2057756	62.387 ng		99
51) 2,6-Dinitrotoluene	13.83	165	386117	53.940 ng		96
52) Acenaphthene	14.32	154	1523060m	56.714 ng		
53) 3-Nitroaniline	14.16	138	211849	25.867 ng		97
54) 2,4-Dinitrophenol	14.37	184	329542	91.108 ng		95
55) Dibenzofuran	14.66	168	2131829	53.687 ng		99
56) 4-Nitrophenol	14.49	139	576469	89.057 ng		98
57) 2,4-Dinitrotoluene	14.63	165	505070	52.495 ng		98
58) Fluorene	15.31	166	1535292	52.132 ng		99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	455778m	54.997 ng		
60) Diethylphthalate	15.10	149	1704582	52.260 ng		99
61) 4-Chlorophenyl-phenylether	15.32	204	782101	50.326 ng		98
62) 4-Nitroaniline	15.33	138	370432	48.862 ng		94
63) Azobenzene	15.61	77	1776482	53.113 ng		99
65) 4,6-Dinitro-2-methylphenol	15.40	198	233010	47.581 ng		98
66) n-Nitrosodiphenylamine	15.53	169	1451568	55.826 ng		98
67) 4-Bromophenyl-phenylether	16.21	248	519829	53.414 ng		99
68) Hexachlorobenzene	16.33	284	554730	53.952 ng		98
69) Atrazine	16.49	200	462615	55.770 ng		99
70) Pentachlorophenol	16.67	266	675317	107.667 ng		98
71) Phenanthrene	17.06	178	2577169	54.943 ng		100
72) Anthracene	17.15	178	2636684	57.127 ng		99
73) Carbazole	17.42	167	2445807	54.191 ng		100
74) Di-n-butylphthalate	18.00	149	2989485	58.219 ng		99
75) Fluoranthene	19.04	202	3034414	56.165 ng		99
77) Benzidine	19.22	184	1032751	56.414 ng		98
78) Pyrene	19.39	202	3122442	55.625 ng		98
80) Butylbenzylphthalate	20.29	149	1365485	61.098 ng		95
81) Benzo(a)anthracene	21.10	228	2859015	55.405 ng		99
82) 3,3'-Dichlorobenzidine	21.04	252	1072598	59.327 ng		99
83) Chrysene	21.16	228	2658661	53.684 ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1909377	55.910 ng		100
85) Di-n-octyl phthalate	21.93	149	3379077	59.532 ng		99
87) Indeno(1,2,3-cd)pyrene	25.57	276	3757915	60.006 ng		96
88) Benzo(b)fluoranthene	22.67	252	3078015m	55.800 ng		
89) Benzo(k)fluoranthene	22.72	252	2961164	55.941 ng		99
90) Benzo(a)pyrene	23.24	252	2867212	56.035 ng		98
91) Dibenzo(a,h)anthracene	25.59	278	3046476	59.664 ng	#	97
92) Benzo(g,h,i)perylene	26.24	276	3261597	62.621 ng	#	95

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

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