Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031820\
Data File : BP002220.D
Acq On : 18 Mar 2020 17:34
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
3/19/2020 2:44:41 PM

Quant Time: Mar 18 18:27:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 17:54:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	141854	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	554801	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	331622	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	722699	20.00	ng		0.00
76) Chrysene-d12	21.15	240	691779	20.00	ng		0.00
87) Perylene-d12	23.36	264	723487	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	936987	117.53	ng		0.00
7) Phenol-d6	6.84	99	1190917	114.54	ng		0.00
23) Nitrobenzene-d5	8.80	82	1090074	120.11	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	500866	147.47	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	2703619	118.44	ng		0.00
79) Terphenyl-d14	19.63	244	3587673	105.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	184862	56.426	ng		100
3) Pyridine	3.62	79	547249m	58.496	ng		
4) n-Nitrosodimethylamine	3.54	42	138753	38.898	ng		90
6) Aniline	6.99	93	761099	59.526	ng		99
8) 2-Chlorophenol	7.23	128	558979	63.944	ng		99
9) Benzaldehyde	6.80	77	365678	64.882	ng		99
10) Phenol	6.86	94	614760	58.022	ng		98
11) bis(2-Chloroethyl)ether	7.09	93	525278	61.738	ng		100
12) 1,3-Dichlorobenzene	7.55	146	633838	59.483	ng		96
13) 1,4-Dichlorobenzene	7.69	146	645619	60.300	ng		98
14) 1,2-Dichlorobenzene	8.01	146	621024	60.995	ng		99
15) Benzyl Alcohol	7.90	79	379082	53.828	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.20	45	411858	38.759	ng		98
17) 2-Methylphenol	8.10	107	486554	68.985	ng		98
18) Hexachloroethane	8.73	117	229144	61.485	ng		98
19) n-Nitroso-di-n-propylamine	8.47	70	320467	50.694	ng		97
20) 3+4-Methylphenols	8.43	107	662479	70.421	ng		98
22) Acetophenone	8.47	105	773673	56.935	ng	#	99
24) Nitrobenzene	8.85	77	562035	60.768	ng		99
25) Isophorone	9.38	82	1117488	65.870	ng		97
26) 2-Nitrophenol	9.55	139	265718	83.567	ng		98
27) 2,4-Dimethylphenol	9.62	122	490712	72.865	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	678619	58.830	ng		99
29) 2,4-Dichlorophenol	10.08	162	534943	68.118	ng		100
30) 1,2,4-Trichlorobenzene	10.30	180	589088	61.149	ng		99
31) Naphthalene	10.48	128	1853779	65.517	ng		99
32) Benzoic acid	9.78	122	264732	81.312	ng		95
33) 4-Chloroaniline	10.59	127	792921	65.644	ng		99
34) Hexachlorobutadiene	10.79	225	345653	60.374	ng		98
35) Caprolactam	11.36	113	137789	57.797	ng		94
36) 4-Chloro-3-methylphenol	11.72	107	544998	68.040	ng		96
37) 2-Methylnaphthalene	12.10	142	1294599	65.350	ng		98
38) 1-Methylnaphthalene	12.32	142	1231030	65.591	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	607948	57.623	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP031820.M
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	317676	69.732 ng	98
43) 2,4,6-Trichlorophenol	12.72	196	423318	70.935 ng	100
44) 2,4,5-Trichlorophenol	12.79	196	490496	77.890 ng	98
46) 1,1'-Biphenyl	13.13	154	1643219	63.588 ng	99
47) 2-Chloronaphthalene	13.16	162	1270907	62.411 ng	99
48) 2-Nitroaniline	13.36	65	213176	46.020 ng	99
49) Acenaphthylene	14.02	152	2094651	68.206 ng	99
50) Dimethylphthalate	13.77	163	1586514	64.807 ng	99
51) 2,6-Dinitrotoluene	13.87	165	328560	70.000 ng	99
52) Acenaphthene	14.36	154	1300032m	66.085 ng	
53) 3-Nitroaniline	14.20	138	370895	67.094 ng	99
54) 2,4-Dinitrophenol	14.40	184	158649	122.530 ng	99
55) Dibenzofuran	14.70	168	1918578	65.947 ng	98
56) 4-Nitrophenol	14.51	139	313803	78.651 ng	97
57) 2,4-Dinitrotoluene	14.66	165	435278	71.233 ng	99
58) Fluorene	15.35	166	1343446	57.521 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	406484	74.194 ng	99
60) Diethylphthalate	15.15	149	1562103	63.804 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	678661	57.181 ng	98
62) 4-Nitroaniline	15.37	138	330487	56.707 ng	100
63) Azobenzene	15.65	77	1401157	62.482 ng	100
65) 4,6-Dinitro-2-methylphenol	15.43	198	203655	98.550 ng	100
66) n-Nitrosodiphenylamine	15.57	169	1308624	60.802 ng	100
67) 4-Bromophenyl-phenylether	16.25	248	482196	61.633 ng	96
68) Hexachlorobenzene	16.36	284	527923	59.130 ng	97
69) Atrazine	16.53	200	376420	58.257 ng	97
70) Pentachlorophenol	16.70	266	347129	83.775 ng	98
71) Phenanthrene	17.09	178	2394761	61.519 ng	100
72) Anthracene	17.18	178	2416365	64.146 ng	100
73) Carbazole	17.45	167	2357104	65.675 ng	99
74) Di-n-butylphthalate	18.05	149	1787165	42.634 ng	99
75) Fluoranthene	19.07	202	2770109	63.346 ng	99
77) Benzidine	19.25	184	460723	28.351 ng	98
78) Pyrene	19.42	202	2928469	61.525 ng	99
80) Butylbenzylphthalate	20.32	149	335211	17.937 ng	97
81) Benzo(a)anthracene	21.13	228	2772068	60.215 ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	645278	41.560 ng	98
83) Chrysene	21.18	228	2663983	61.389 ng	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	549954	18.749 ng	98
85) Di-n-octyl phthalate	21.97	149	965087	20.911 ng	97
86) Indeno(1,2,3-cd)pyrene	25.62	276	3253178	59.085 ng	98
88) Benzo(b)fluoranthene	22.70	252	2789679	63.646 ng	99
89) Benzo(k)fluoranthene	22.75	252	2864665	69.348 ng	99
90) Benzo(a)pyrene	23.27	252	2695733	67.408 ng	99
91) Dibenzo(a,h)anthracene	25.63	278	2698796	66.042 ng	99
92) Benzo(g,h,i)perylene	26.30	276	2689533	66.692 ng	99

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

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