Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082420\
Data File : BP003092.D
Acq On : 24 Aug 2020 14:15
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
8/25/2020 4:17:55 PM

Quant Time: Aug 24 15:32:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:12:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	233796	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	851725	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	517720	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1108110	20.00	ng		0.00
76) Chrysene-d12	21.15	240	1031056	20.00	ng		0.00
86) Perylene-d12	23.39	264	1181677	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1907340	124.86	ng		0.00
7) Phenol-d6	6.85	99	2370747	111.78	ng		0.00
23) Nitrobenzene-d5	8.82	82	1825058	116.06	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	1130378	175.67	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	4981836	131.47	ng		0.00
79) Terphenyl-d14	19.64	244	6826588	132.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	368266	56.161	ng		98
3) Pyridine	3.60	79	992928m	54.350	ng		
4) n-Nitrosodimethylamine	3.51	42	267251	49.800	ng		96
6) Aniline	7.00	93	1322776	53.759	ng		100
8) 2-Chlorophenol	7.24	128	1073559	65.913	ng		98
10) Phenol	6.88	94	1106569	51.806	ng		98
11) bis(2-Chloroethyl)ether	7.10	93	881713	53.669	ng		99
12) 1,3-Dichlorobenzene	7.56	146	1308390	71.173	ng		99
13) 1,4-Dichlorobenzene	7.70	146	1317333	70.894	ng		98
14) 1,2-Dichlorobenzene	8.02	146	1223947	69.071	ng		99
15) Benzyl Alcohol	7.90	79	723179	51.680	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	724910	46.966	ng		97
17) 2-Methylphenol	8.12	107	812895	59.557	ng		98
18) Hexachloroethane	8.74	117	440838	68.019	ng		97
19) n-Nitroso-di-n-propylamine	8.48	70	524391	42.912	ng		99
20) 3+4-Methylphenols	8.45	107	1102206	59.917	ng		99
22) Acetophenone	8.48	105	1399112	58.221	ng	#	99
24) Nitrobenzene	8.86	77	901958	52.832	ng		99
25) Isophorone	9.38	82	1646648	48.741	ng		99
26) 2-Nitrophenol	9.56	139	601328	97.562	ng		99
27) 2,4-Dimethylphenol	9.63	122	820342	60.975	ng		97
28) bis(2-Chloroethoxy)methane	9.87	93	1175793	62.383	ng		99
29) 2,4-Dichlorophenol	10.10	162	1050556	74.194	ng		100
30) 1,2,4-Trichlorobenzene	10.32	180	1194989	72.195	ng		99
31) Naphthalene	10.50	128	3300317	67.690	ng		100
32) Benzoic acid	9.82	122	711659	102.174	ng		95
33) 4-Chloroaniline	10.60	127	1432368	70.889	ng		98
34) Hexachlorobutadiene	10.80	225	726802	71.753	ng		98
35) Caprolactam	11.39	113	334080	76.254	ng		97
36) 4-Chloro-3-methylphenol	11.75	107	967064	65.702	ng		99
37) 2-Methylnaphthalene	12.12	142	2383387	68.721	ng		99
38) 1-Methylnaphthalene	12.33	142	2244443	68.748	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1191490	64.011	ng		100
41) Hexachlorocyclopentadiene	12.48	237	653143	67.639	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.73	196	847865	78.591 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	882612	74.577 ng	99
46) 1,1'-Biphenyl	13.14	154	2913688	68.078 ng	99
47) 2-Chloronaphthalene	13.17	162	2410269	71.917 ng	100
48) 2-Nitroaniline	13.38	65	501134	68.971 ng	93
49) Acenaphthylene	14.03	152	3712638	70.636 ng	99
50) Dimethylphthalate	13.77	163	3022512	74.644 ng	100
51) 2,6-Dinitrotoluene	13.88	165	673537	82.071 ng	99
52) Acenaphthene	14.37	154	2229038	65.983 ng	98
53) 3-Nitroaniline	14.21	138	775481	90.917 ng	98
54) 2,4-Dinitrophenol	14.42	184	369358	118.581 ng	100
55) Dibenzofuran	14.71	168	3467930	66.926 ng	99
56) 4-Nitrophenol	14.53	139	604125	84.136 ng	98
57) 2,4-Dinitrotoluene	14.67	165	931419	89.196 ng	99
58) Fluorene	15.36	166	2506708	61.786 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	795015	80.510 ng	99
60) Diethylphthalate	15.15	149	2985098	75.443 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1318562	63.148 ng	99
62) 4-Nitroaniline	15.38	138	778165	91.514 ng	98
63) Azobenzene	15.65	77	1929604	48.442 ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	485834	94.429 ng	99
66) n-Nitrosodiphenylamine	15.57	169	2406798	65.581 ng	98
67) 4-Bromophenyl-phenylether	16.26	248	936442	69.463 ng	100
68) Hexachlorobenzene	16.37	284	1114561	71.478 ng	98
69) Atrazine	16.53	200	835850	67.225 ng	99
70) Pentachlorophenol	16.72	266	641551	79.341 ng	98
71) Phenanthrene	17.10	178	4380977	67.421 ng	99
72) Anthracene	17.19	178	4256158	67.017 ng	99
73) Carbazole	17.46	167	4103328	66.160 ng	100
74) Di-n-butylphthalate	18.04	149	5029088	77.082 ng	99
75) Fluoranthene	19.08	202	5118257	68.366 ng	98
77) Benzidine	19.26	184	2049355	65.182 ng	100
78) Pyrene	19.43	202	5200042	72.145 ng	99
80) Butylbenzylphthalate	20.32	149	2392521	91.120 ng	96
81) Benzo(a)anthracene	21.14	228	4895536	69.706 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	1878726	67.586 ng	99
83) Chrysene	21.19	228	4605566	69.519 ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	3168879	79.439 ng	98
85) Di-n-octyl phthalate	21.96	149	5710493	87.142 ng	100
87) Indeno(1,2,3-cd)pyrene	25.67	276	6579274	69.522 ng	99
88) Benzo(b)fluoranthene	22.72	252	5409579	64.872 ng	99
89) Benzo(k)fluoranthene	22.76	252	5141815	65.238 ng	99
90) Benzo(a)pyrene	23.29	252	5366256	71.219 ng	99
91) Dibenzo(a,h)anthracene	25.69	278	5294244	65.730 ng	99
92) Benzo(g,h,i)perylene	26.37	276	5807110	74.557 ng	100

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

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