Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001553.D
Acq On : 08 Jan 2020 13:55
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
1/9/2020 12:11:52 PM

Quant Time: Jan 08 15:08:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 13:05:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	30914	20.00	ng		0.00
21) Naphthalene-d8	10.44	136	122831	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	101597	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	265514	20.00	ng		0.00
76) Chrysene-d12	21.18	240	242870	20.00	ng		0.00
87) Perylene-d12	23.43	264	261628	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	286474	155.68	ng		0.00
7) Phenol-d6	6.86	99	452460	182.56	ng		0.00
23) Nitrobenzene-d5	8.82	82	533667	214.59	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	294560	256.17	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	1269203	183.69	ng		0.00
79) Terphenyl-d14	19.66	244	2418823	198.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	44266	57.221	ng		98
3) Pyridine	3.65	79	144131m	61.293	ng		
4) n-Nitrosodimethylamine	3.55	42	118470	119.165	ng	#	98
6) Aniline	7.00	93	246198	77.125	ng		99
8) 2-Chlorophenol	7.24	128	164979	86.492	ng		98
10) Phenol	6.89	94	235899	90.477	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	185326	90.274	ng		99
12) 1,3-Dichlorobenzene	7.55	146	207500	88.811	ng		95
13) 1,4-Dichlorobenzene	7.70	146	212910	90.681	ng		94
14) 1,2-Dichlorobenzene	8.02	146	202903	90.170	ng		98
15) Benzyl Alcohol	7.92	79	214908	107.877	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	334082	116.288	ng		99
17) 2-Methylphenol	8.12	107	162627	95.431	ng		96
18) Hexachloroethane	8.73	117	83691	93.770	ng		93
19) n-Nitroso-di-n-propylamine	8.49	70	170440	105.537	ng		92
20) 3+4-Methylphenols	8.46	107	225643	98.311	ng		96
22) Acetophenone	8.49	105	320259	92.689	ng		98
24) Nitrobenzene	8.86	77	269504	105.219	ng		97
25) Isophorone	9.39	82	479693	101.023	ng		99
26) 2-Nitrophenol	9.56	139	107546	117.640	ng		96
27) 2,4-Dimethylphenol	9.65	122	153908	92.986	ng		94
28) bis(2-Chloroethoxy)methane	9.88	93	271191	91.063	ng		97
29) 2,4-Dichlorophenol	10.10	162	211128	104.115	ng		96
30) 1,2,4-Trichlorobenzene	10.31	180	252353	104.513	ng		97
31) Naphthalene	10.49	128	604358	93.542	ng		99
32) Benzoic acid	9.86	122	153171	146.194	ng		98
33) 4-Chloroaniline	10.61	127	286572	101.933	ng		98
34) Hexachlorobutadiene	10.79	225	179286	112.213	ng		94
35) Caprolactam	11.45	113	77133m	114.058	ng		
36) 4-Chloro-3-methylphenol	11.76	107	252313	113.508	ng		99
37) 2-Methylnaphthalene	12.11	142	479038	104.024	ng		98
38) 1-Methylnaphthalene	12.33	142	461582	105.960	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	333285	98.261	ng		99
41) Hexachlorocyclopentadiene	12.48	237	176047	100.542	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.73	196	222317	104.698	ng	98
44) 2,4,5-Trichlorophenol	12.81	196	235347	106.556	ng	98
46) 1,1'-Biphenyl	13.14	154	688492	89.661	ng	98
47) 2-Chloronaphthalene	13.18	162	571876	90.680	ng	98
48) 2-Nitroaniline	13.39	65	239241	129.861	ng	99
49) Acenaphthylene	14.03	152	895534	93.625	ng	99
50) Dimethylphthalate	13.79	163	787824	99.201	ng	99
51) 2,6-Dinitrotoluene	13.89	165	173123	110.844	ng	95
52) Acenaphthene	14.38	154	545624	90.894	ng	97
53) 3-Nitroaniline	14.23	138	185579	105.354	ng	94
54) 2,4-Dinitrophenol	14.43	184	111005	194.547	ng	87
55) Dibenzofuran	14.72	168	919580	100.008	ng	98
56) 4-Nitrophenol	14.56	139	149637	113.593	ng	95
57) 2,4-Dinitrotoluene	14.69	165	254684	120.950	ng	99
58) Fluorene	15.37	166	714599	102.027	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	232360	120.538	ng	100
60) Diethylphthalate	15.17	149	818342	102.369	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	406446	107.588	ng	96
62) 4-Nitroaniline	15.41	138	210977	119.316	ng	98
63) Azobenzene	15.67	77	829055	107.352	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	153409	160.415	ng	99
66) n-Nitrosodiphenylamine	15.59	169	668274	86.850	ng	99
67) 4-Bromophenyl-phenylether	16.27	248	286231	97.338	ng	97
68) Hexachlorobenzene	16.38	284	329424	99.584	ng	99
70) Pentachlorophenol	16.73	266	191180	112.331	ng	97
71) Phenanthrene	17.12	178	1351049	93.817	ng	99
72) Anthracene	17.21	178	1325493	92.867	ng	99
73) Carbazole	17.49	167	1231035	93.212	ng	100
74) Di-n-butylphthalate	18.07	149	1458301	86.996	ng	99
75) Fluoranthene	19.10	202	1734385	99.489	ng	99
78) Pyrene	19.45	202	1722750	97.751	ng	99
80) Butylbenzylphthalate	20.35	149	673863	88.873	ng	96
81) Benzo(a)anthracene	21.16	228	1617396	94.910	ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	612419	101.243	ng	100
83) Chrysene	21.22	228	1576720	96.496	ng	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	886921	79.823	ng	99
85) Di-n-octyl phthalate	22.01	149	1426642	73.826	ng	99
86) Indeno(1,2,3-cd)pyrene	25.74	276	1829613	92.003	ng	99
88) Benzo(b)fluoranthene	22.76	252	1604696	99.059	ng	99
89) Benzo(k)fluoranthene	22.81	252	1519094	97.897	ng	99
90) Benzo(a)pyrene	23.35	252	1493231	98.473	ng	99
91) Dibenzo(a,h)anthracene	25.77	278	1517626	100.698	ng	98
92) Benzo(g,h,i)perylene	26.48	276	1514028	100.724	ng	99

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

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