Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031820\
Data File : BP002222.D
Acq On : 18 Mar 2020 18:42
Operator : CG/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 18 19:35:10 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

Instrument :
BNA_P
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
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3/19/2020 2:44:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	196003	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	749200	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	430020	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	893479	20.00	ng	0.00
76) Chrysene-d12	21.15	240	805555	20.00	ng	0.00
87) Perylene-d12	23.37	264	915566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1747041	158.60	ng	0.00
7) Phenol-d6	6.85	99	2152582	149.83	ng	0.01
23) Nitrobenzene-d5	8.81	82	2074846	169.30	ng	0.01
42) 2,4,6-Tribromophenol	15.80	330	858728	194.98	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	4358970	147.26	ng	0.00
79) Terphenyl-d14	19.63	244	5369874	136.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	358702	79.240	ng	99
3) Pyridine	3.63	79	1046199m	80.934	ng	
4) n-Nitrosodimethylamine	3.55	42	281114	57.036	ng	85
6) Aniline	7.00	93	1463875	82.860	ng	99
8) 2-Chlorophenol	7.23	128	1058621	87.645	ng	98
9) Benzaldehyde	6.80	77	638931	82.047	ng	98
10) Phenol	6.88	94	1144824	78.200	ng	96
11) bis(2-Chloroethyl)ether	7.10	93	1003519	85.363	ng	99
12) 1,3-Dichlorobenzene	7.55	146	1232449	83.707	ng	98
13) 1,4-Dichlorobenzene	7.70	146	1238101	83.691	ng	99
14) 1,2-Dichlorobenzene	8.01	146	1171056	83.242	ng	99
15) Benzyl Alcohol	7.90	79	775385	79.683	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	789944	53.802	ng	98
17) 2-Methylphenol	8.10	107	910225	93.401	ng	97
18) Hexachloroethane	8.73	117	455281	88.414	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	601177	68.826	ng	93
20) 3+4-Methylphenols	8.44	107	1239581	95.364	ng	99
22) Acetophenone	8.48	105	1356045	73.898	ng	97
24) Nitrobenzene	8.85	77	1090845	87.340	ng	98
25) Isophorone	9.38	82	2080310	90.806	ng	99
26) 2-Nitrophenol	9.55	139	565399	131.677	ng	97
27) 2,4-Dimethylphenol	9.63	122	905158	99.531	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	1260904	80.946	ng	99
29) 2,4-Dichlorophenol	10.09	162	1031128	97.231	ng	100
30) 1,2,4-Trichlorobenzene	10.30	180	1131359	86.966	ng	99
31) Naphthalene	10.49	128	3359267	87.919	ng	99
32) Benzoic acid	9.82	122	622977	141.697	ng	97
33) 4-Chloroaniline	10.59	127	1457969	89.383	ng	98
34) Hexachlorobutadiene	10.79	225	679402	87.877	ng	98
35) Caprolactam	11.39	113	299247m	92.952	ng	
36) 4-Chloro-3-methylphenol	11.73	107	1001085	92.551	ng	97
37) 2-Methylnaphthalene	12.10	142	2293576	85.736	ng	97
38) 1-Methylnaphthalene	12.33	142	2183485	86.152	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1079627	78.914	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	617116	104.465	ng		97
43) 2,4,6-Trichlorophenol	12.72	196	793926	102.596	ng		99
44) 2,4,5-Trichlorophenol	12.79	196	908384	111.242	ng		98
46) 1,1'-Biphenyl	13.13	154	2803861	83.674	ng		99
47) 2-Chloronaphthalene	13.17	162	2235765	84.669	ng		97
48) 2-Nitroaniline	13.37	65	462093	76.929	ng		95
49) Acenaphthylene	14.02	152	3635688	91.296	ng		99
50) Dimethylphthalate	13.77	163	2820836	88.862	ng		99
51) 2,6-Dinitrotoluene	13.87	165	624539	102.611	ng		99
52) Acenaphthene	14.37	154	2248158m	88.132	ng		
53) 3-Nitroaniline	14.20	138	718745	100.268	ng		99
54) 2,4-Dinitrophenol	14.40	184	335069	199.570	ng		96
55) Dibenzofuran	14.70	168	3293949	87.315	ng		97
56) 4-Nitrophenol	14.52	139	603202	116.591	ng		96
57) 2,4-Dinitrotoluene	14.67	165	849509	107.211	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.93	232	744302	104.768	ng		99
60) Diethylphthalate	15.15	149	2873572	90.514	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	1078674	70.088	ng		95
62) 4-Nitroaniline	15.38	138	635939	84.150	ng		97
63) Azobenzene	15.65	77	2412770	82.973	ng		98
65) 4,6-Dinitro-2-methylphenol	15.44	198	426974	167.124	ng		95
66) n-Nitrosodiphenylamine	15.57	169	2200450	82.697	ng		99
67) 4-Bromophenyl-phenylether	16.25	248	848658	87.739	ng		94
68) Hexachlorobenzene	16.36	284	927577	84.036	ng		94
69) Atrazine	16.54	200	713002	89.256	ng		98
70) Pentachlorophenol	16.70	266	639340	124.803	ng		98
71) Phenanthrene	17.10	178	3966897	82.428	ng		100
72) Anthracene	17.19	178	3961303	85.058	ng		99
73) Carbazole	17.46	167	3852325	86.820	ng		99
75) Fluoranthene	19.07	202	4549918	84.158	ng		97
78) Pyrene	19.42	202	4680907	84.453	ng		98
80) Butylbenzylphthalate	20.32	149	757509	34.810	ng		91
81) Benzo(a)anthracene	21.13	228	4398132	82.043	ng		99
82) 3,3'-Dichlorobenzidine	21.07	252	1407093	77.826	ng		98
83) Chrysene	21.19	228	4212731	83.368	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	1306377	38.246	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.63	276	5745075	89.606	ng		95
88) Benzo(b)fluoranthene	22.71	252	4867444	87.753	ng		98
89) Benzo(k)fluoranthene	22.76	252	4718944m	90.270	ng		
90) Benzo(a)pyrene	23.28	252	4724255	93.349	ng		97
91) Dibenzo(a,h)anthracene	25.65	278	4564254	88.259	ng		97
92) Benzo(g,h,i)perylene	26.32	276	4966417	97.315	ng		97

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

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