Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071020\
Data File : BP002723.D
Acq On : 10 Jul 2020 15:37
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
7/13/2020 1:05:37 PM

Quant Time: Jul 10 16:36:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 14:25:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	187981	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	709771	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	430858	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	935056	20.00	ng		0.00
76) Chrysene-d12	21.08	240	793270	20.00	ng		0.00
86) Perylene-d12	23.26	264	905172	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1665877	150.04	ng		0.00
7) Phenol-d6	6.76	99	2347137	151.46	ng		0.00
23) Nitrobenzene-d5	8.70	82	2115363	153.56	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	689449	131.56	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	3685595	125.90	ng		0.00
79) Terphenyl-d14	19.56	244	4472510	121.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	365207	76.747	ng		100
3) Pyridine	3.50	79	1150968m	81.609	ng		
4) n-Nitrosodimethylamine	3.43	42	433891	72.476	ng		100
6) Aniline	6.89	93	1543801	79.301	ng		99
8) 2-Chlorophenol	7.13	128	928045	75.248	ng		99
10) Phenol	6.79	94	1231280	78.790	ng		98
11) bis(2-Chloroethyl)ether	6.99	93	1022643	79.731	ng		99
12) 1,3-Dichlorobenzene	7.45	146	1048705	73.689	ng		99
13) 1,4-Dichlorobenzene	7.59	146	1048692	72.330	ng		99
14) 1,2-Dichlorobenzene	7.90	146	986940	70.717	ng		99
15) Benzyl Alcohol	7.80	79	875186	75.161	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.09	45	1431313	80.094	ng		99
17) 2-Methylphenol	8.02	107	881466	75.358	ng		99
18) Hexachloroethane	8.62	117	386852	73.928	ng		96
19) n-Nitroso-di-n-propylamine	8.37	70	687114	67.580	ng		98
20) 3+4-Methylphenols	8.35	107	1147327	72.754	ng		98
22) Acetophenone	8.38	105	1299353	72.327	ng	#	99
24) Nitrobenzene	8.75	77	1165385	79.927	ng		99
25) Isophorone	9.27	82	2193840	79.460	ng		99
26) 2-Nitrophenol	9.45	139	556893	83.746	ng		98
27) 2,4-Dimethylphenol	9.53	122	815301	80.913	ng		99
28) bis(2-Chloroethoxy)methane	9.76	93	1281052	80.775	ng		99
29) 2,4-Dichlorophenol	9.99	162	922052	79.400	ng		99
30) 1,2,4-Trichlorobenzene	10.20	180	995271	76.128	ng		98
31) Naphthalene	10.38	128	2840219	75.591	ng		99
32) Benzoic acid	9.75	122	679186	100.574	ng		100
33) 4-Chloroaniline	10.50	127	1301181	79.170	ng		99
34) Hexachlorobutadiene	10.68	225	587317	73.394	ng		99
35) Caprolactam	11.29	113	338386	86.685	ng		96
36) 4-Chloro-3-methylphenol	11.65	107	992459	77.975	ng		100
37) 2-Methylnaphthalene	12.00	142	2020499	73.751	ng		98
38) 1-Methylnaphthalene	12.22	142	1895330	73.457	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	1023189	76.053	ng		100
41) Hexachlorocyclopentadiene	12.36	237	476174	84.077	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.63	196	710109	78.007	ng	98
44) 2,4,5-Trichlorophenol	12.71	196	822663	78.505	ng	99
46) 1,1'-Biphenyl	13.03	154	2327788	71.423	ng	99
47) 2-Chloronaphthalene	13.07	162	1936452	72.991	ng	98
48) 2-Nitroaniline	13.29	65	709307	83.806	ng	100
49) Acenaphthylene	13.92	152	3118860	74.698	ng	100
50) Dimethylphthalate	13.68	163	2519003	74.438	ng	98
51) 2,6-Dinitrotoluene	13.79	165	586287	80.219	ng	98
52) Acenaphthene	14.27	154	1835487	74.510	ng	99
53) 3-Nitroaniline	14.13	138	681499	85.637	ng	100
54) 2,4-Dinitrophenol	14.34	184	323452	83.802	ng	99
55) Dibenzofuran	14.61	168	2839628	71.131	ng	96
56) 4-Nitrophenol	14.47	139	508108	91.331	ng	98
57) 2,4-Dinitrotoluene	14.59	165	779168	79.251	ng	99
58) Fluorene	15.26	166	1894665	62.316	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	641351	75.763	ng	97
60) Diethylphthalate	15.06	149	2418359	71.867	ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	1003764	61.562	ng	94
62) 4-Nitroaniline	15.30	138	676211	85.017	ng	98
63) Azobenzene	15.56	77	2487035	76.437	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	471848	87.957	ng	90
66) n-Nitrosodiphenylamine	15.49	169	1994512	73.068	ng	98
67) 4-Bromophenyl-phenylether	16.16	248	792756	75.445	ng	95
68) Hexachlorobenzene	16.28	284	810799	72.027	ng	97
69) Atrazine	16.45	200	482740	55.115	ng	99
70) Pentachlorophenol	16.63	266	422146	75.433	ng	98
71) Phenanthrene	17.01	178	3630635	72.165	ng	99
72) Anthracene	17.10	178	3546087	70.832	ng	99
73) Carbazole	17.38	167	3538221	73.129	ng	98
74) Di-n-butylphthalate	17.95	149	4038433	70.873	ng	99
75) Fluoranthene	19.00	202	4218428	69.271	ng	99
77) Benzidine	19.18	184	1615432	79.779	ng	100
78) Pyrene	19.35	202	4363828	80.819	ng	100
80) Butylbenzylphthalate	20.24	149	1886185	80.015	ng	97
81) Benzo(a)anthracene	21.06	228	3902366	75.246	ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	1352087	71.212	ng	99
83) Chrysene	21.12	228	3581337	72.015	ng	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	2302672	68.027	ng	99
85) Di-n-octyl phthalate	21.87	149	4546165	76.040	ng	100
87) Indeno(1,2,3-cd)pyrene	25.47	276	5065411	77.721	ng	98
88) Benzo(b)fluoranthene	22.62	252	4341132	75.160	ng	98
89) Benzo(k)fluoranthene	22.66	252	4158408	77.175	ng	99
90) Benzo(a)pyrene	23.17	252	4209780	79.425	ng	98
91) Dibenzo(a,h)anthracene	25.49	278	3932004	73.832	ng	98
92) Benzo(g,h,i)perylene	26.15	276	4438198	83.328	ng	98

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

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