Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP052720\
Data File : BP002292.D
Acq On : 27 May 2020 16:28
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
5/29/2020 10:25:59 PM

Quant Time: May 27 17:48:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 17:37:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	226965	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	941180	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	566601	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	1218143	20.00	ng		0.00
76) Chrysene-d12	21.09	240	1146992	20.00	ng		0.00
86) Perylene-d12	23.28	264	1207565	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	585697	51.37	ng		0.00
7) Phenol-d6	6.79	99	797828	49.97	ng		0.00
23) Nitrobenzene-d5	8.75	82	737662	48.85	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	249806	35.24	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	1672009	49.36	ng		0.00
79) Terphenyl-d14	19.58	244	2398441	58.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	133349	26.41	ng		99
3) Pyridine	3.56	79	388132	26.18	ng		98
4) n-Nitrosodimethylamine	3.48	42	141737	24.38	ng		99
6) Aniline	6.93	93	542358	24.15	ng		99
8) 2-Chlorophenol	7.18	128	335762	24.73	ng		99
9) Benzaldehyde	6.75	77	179700	20.53	ng		97
10) Phenol	6.81	94	434082	24.80	ng		99
11) bis(2-Chloroethyl)ether	7.04	93	361591	24.33	ng		98
12) 1,3-Dichlorobenzene	7.50	146	382586	24.50	ng		99
13) 1,4-Dichlorobenzene	7.64	146	382748	24.39	ng		97
14) 1,2-Dichlorobenzene	7.95	146	373295	24.90	ng		97
15) Benzyl Alcohol	7.84	79	290215	23.15	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.14	45	506523	25.26	ng		99
17) 2-Methylphenol	8.05	107	308114	24.10	ng		99
18) Hexachloroethane	8.68	117	132721	23.68	ng		99
19) n-Nitroso-di-n-propylamine	8.41	70	268100	24.82	ng		100
20) 3+4-Methylphenols	8.38	107	418443	23.94	ng		98
22) Acetophenone	8.42	105	528005	25.73	ng	#	98
24) Nitrobenzene	8.79	77	398271	24.24	ng		98
25) Isophorone	9.31	82	751161	23.72	ng		100
26) 2-Nitrophenol	9.50	139	156069	20.52	ng		100
27) 2,4-Dimethylphenol	9.57	122	278823	23.40	ng		97
28) bis(2-Chloroethoxy)methane	9.80	93	461640	24.22	ng		100
29) 2,4-Dichlorophenol	10.03	162	307010	22.62	ng		99
30) 1,2,4-Trichlorobenzene	10.25	180	348182	22.81	ng		99
31) Naphthalene	10.43	128	1069416	24.91	ng		100
32) Benzoic acid	9.68	122	155937	17.07	ng		99
33) 4-Chloroaniline	10.53	127	457202	23.79	ng		99
34) Hexachlorobutadiene	10.73	225	199050	21.40	ng		98
35) Caprolactam	11.27	113	100043	21.36	ng		96
36) 4-Chloro-3-methylphenol	11.67	107	325796	23.17	ng		98
37) 2-Methylnaphthalene	12.05	142	736048	23.90	ng		99
38) 1-Methylnaphthalene	12.27	142	703133	24.08	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	358642	23.12	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	177187	20.81	ng		99
43) 2,4,6-Trichlorophenol	12.67	196	235693	21.73	ng		99
44) 2,4,5-Trichlorophenol	12.73	196	278967	22.26	ng		97
46) 1,1'-Biphenyl	13.07	154	915457	25.61	ng		100
47) 2-Chloronaphthalene	13.11	162	747031	25.17	ng		99
48) 2-Nitroaniline	13.31	65	209456	22.90	ng		99
49) Acenaphthylene	13.96	152	1192177	25.48	ng		99
50) Dimethylphthalate	13.71	163	933534	24.84	ng		100
51) 2,6-Dinitrotoluene	13.82	165	192542	22.68	ng		99
52) Acenaphthene	14.31	154	749003m	24.99	ng		
53) 3-Nitroaniline	14.14	138	221581	23.69	ng		99
54) 2,4-Dinitrophenol	14.35	184	80641	18.78	ng		98
55) Dibenzofuran	14.65	168	1146208	25.82	ng		99
56) 4-Nitrophenol	14.46	139	171240	23.41	ng		100
57) 2,4-Dinitrotoluene	14.61	165	253210	22.25	ng		100
58) Fluorene	15.30	166	863357	25.24	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.88	232	224136m	21.78	ng		
60) Diethylphthalate	15.09	149	932561	25.43	ng		99
61) 4-Chlorophenyl-phenylether	15.30	204	448870	23.79	ng		99
62) 4-Nitroaniline	15.31	138	208037	24.31	ng		98
63) Azobenzene	15.59	77	963497	27.03	ng		98
65) 4,6-Dinitro-2-methylphenol	15.37	198	125962	20.60	ng		95
66) n-Nitrosodiphenylamine	15.52	169	782391	25.70	ng		100
67) 4-Bromophenyl-phenylether	16.20	248	277707	22.21	ng		99
68) Hexachlorobenzene	16.31	284	296603	20.77	ng		95
69) Atrazine	16.47	200	233488	22.37	ng		97
70) Pentachlorophenol	16.65	266	166584	19.87	ng		99
71) Phenanthrene	17.04	178	1422470	26.02	ng		98
72) Anthracene	17.13	178	1387217	25.62	ng		99
73) Carbazole	17.40	167	1361949	26.04	ng		99
74) Di-n-butylphthalate	17.99	149	1528630	25.84	ng		100
75) Fluoranthene	19.02	202	1630398	25.21	ng		100
77) Benzidine	19.20	184	449870	17.87	ng		100
78) Pyrene	19.37	202	1712315	24.87	ng		99
80) Butylbenzylphthalate	20.27	149	627334	23.55	ng		93
81) Benzo(a)anthracene	21.08	228	1578111	24.91	ng		98
82) 3,3'-Dichlorobenzidine	21.02	252	507564	22.11	ng		97
83) Chrysene	21.13	228	1557054	25.93	ng		99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1035174	26.36	ng	#	96
85) Di-n-octyl phthalate	21.90	149	1631941	24.56	ng		97
87) Indeno(1,2,3-cd)pyrene	25.49	276	1754171	26.32	ng	#	94
88) Benzo(b)fluoranthene	22.63	252	1590052	24.66	ng	#	96
89) Benzo(k)fluoranthene	22.67	252	1572705	24.66	ng		97
90) Benzo(a)pyrene	23.19	252	1446566	24.10	ng	#	97
91) Dibenzo(a,h)anthracene	25.51	278	1461396	27.03	ng	#	96
92) Benzo(g,h,i)perylene	26.16	276	1421937	26.34	ng	#	93

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

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