Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP052720\
Data File : BP002298.D
Acq On : 27 May 2020 19:55
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
5/29/2020 10:26:13 PM

Quant Time: May 28 02:49:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 02:21:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	245299	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1024024	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	612981	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1276830	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1164748	20.00	ng	0.00
86) Perylene-d12	23.29	264	1265374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1145255	87.60	ng	0.00
7) Phenol-d6	6.79	99	1571839	88.22	ng	0.00
23) Nitrobenzene-d5	8.75	82	1530007	90.09	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	495724	85.41	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3064162	88.05	ng	0.00
79) Terphenyl-d14	19.59	244	4044634	91.04	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	258755	42.98	ng	99
3) Pyridine	3.56	79	710679	40.79	ng	99
4) n-Nitrosodimethylamine	3.48	42	292441	44.23	ng	98
6) Aniline	6.94	93	1075262	43.77	ng	99
8) 2-Chlorophenol	7.18	128	657475	43.93	ng	100
9) Benzaldehyde	6.75	77	455413	51.18	ng	98
10) Phenol	6.82	94	864535	44.20	ng	99
11) bis(2-Chloroethyl)ether	7.04	93	714651	43.82	ng	98
12) 1,3-Dichlorobenzene	7.50	146	741618	43.25	ng	98
13) 1,4-Dichlorobenzene	7.64	146	747028	43.32	ng	98
14) 1,2-Dichlorobenzene	7.96	146	716530	43.52	ng	97
15) Benzyl Alcohol	7.85	79	603291	44.64	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.14	45	995391	44.35	ng	100
17) 2-Methylphenol	8.05	107	624852	44.77	ng	99
18) Hexachloroethane	8.67	117	272049	44.21	ng	99
19) n-Nitroso-di-n-propylamine	8.41	70	536689	45.64	ng	99
20) 3+4-Methylphenols	8.38	107	846448	44.62	ng	98
22) Acetophenone	8.42	105	1031277	44.10	ng	99
24) Nitrobenzene	8.79	77	820463	44.25	ng	99
25) Isophorone	9.32	82	1546936	44.24	ng	100
26) 2-Nitrophenol	9.50	139	354758	45.00	ng	99
27) 2,4-Dimethylphenol	9.57	122	565177	43.43	ng	99
28) bis(2-Chloroethoxy)methane	9.80	93	935911	44.00	ng	99
29) 2,4-Dichlorophenol	10.03	162	622231	43.36	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	691910	42.73	ng	99
31) Naphthalene	10.43	128	2088328	43.42	ng	100
32) Benzoic acid	9.71	122	448660	48.23	ng	97
33) 4-Chloroaniline	10.53	127	915743	43.38	ng	99
34) Hexachlorobutadiene	10.73	225	395291	41.83	ng	98
35) Caprolactam	11.29	113	223174	44.99	ng	99
36) 4-Chloro-3-methylphenol	11.67	107	687962	44.54	ng	100
37) 2-Methylnaphthalene	12.05	142	1470839	43.68	ng	98
38) 1-Methylnaphthalene	12.27	142	1398631	43.75	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	702422	43.05	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	370129	42.68	ng		99
43) 2,4,6-Trichlorophenol	12.67	196	491879	43.55	ng		99
44) 2,4,5-Trichlorophenol	12.74	196	571956	43.73	ng		97
46) 1,1'-Biphenyl	13.07	154	1753648	43.50	ng		99
47) 2-Chloronaphthalene	13.11	162	1453251	43.81	ng		99
48) 2-Nitroaniline	13.31	65	469719	46.27	ng		98
49) Acenaphthylene	13.96	152	2304268	43.81	ng		100
50) Dimethylphthalate	13.72	163	1823364	43.97	ng		100
51) 2,6-Dinitrotoluene	13.82	165	400785	44.60	ng		96
52) Acenaphthene	14.31	154	1494580m	44.29	ng		
53) 3-Nitroaniline	14.15	138	460858	44.90	ng		98
54) 2,4-Dinitrophenol	14.36	184	206547	45.70	ng		96
55) Dibenzofuran	14.65	168	2173383	43.54	ng		99
56) 4-Nitrophenol	14.46	139	368536	45.42	ng		98
57) 2,4-Dinitrotoluene	14.62	165	543436	45.08	ng		95
58) Fluorene	15.30	166	1565916	43.96	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.88	232	457335m	43.91	ng		
60) Diethylphthalate	15.10	149	1796587	43.77	ng		99
61) 4-Chlorophenyl-phenylether	15.30	204	824639	44.01	ng		98
62) 4-Nitroaniline	15.32	138	423747	44.60	ng		100
63) Azobenzene	15.60	77	1881206	44.72	ng		99
65) 4,6-Dinitro-2-methylphenol	15.38	198	285311	45.56	ng		99
66) n-Nitrosodiphenylamine	15.52	169	1499430	44.86	ng		99
67) 4-Bromophenyl-phenylether	16.20	248	545345	43.58	ng		100
68) Hexachlorobenzene	16.32	284	566086	42.73	ng		98
69) Atrazine	16.48	200	491639	46.12	ng		99
70) Pentachlorophenol	16.65	266	358239	44.46	ng		97
71) Phenanthrene	17.04	178	2668801	44.19	ng		99
72) Anthracene	17.13	178	2668587	44.99	ng		99
73) Carbazole	17.40	167	2594912	44.62	ng		98
74) Di-n-butylphthalate	17.99	149	3019692	45.70	ng		100
75) Fluoranthene	19.02	202	3094818	44.49	ng		99
77) Benzidine	19.20	184	1076227	48.12	ng		98
78) Pyrene	19.37	202	3169636	45.46	ng		98
80) Butylbenzylphthalate	20.27	149	1289623	45.73	ng		94
81) Benzo(a)anthracene	21.08	228	2899322	43.57	ng		99
82) 3,3'-Dichlorobenzidine	21.02	252	1044256	44.69	ng	#	98
83) Chrysene	21.13	228	2812296	44.09	ng		100
84) Bis(2-ethylhexyl)phthalate	21.04	149	2044282	47.58	ng	#	96
85) Di-n-octyl phthalate	21.90	149	3418677	47.86	ng		98
87) Indeno(1,2,3-cd)pyrene	25.50	276	3455068	44.02	ng	#	95
88) Benzo(b)fluoranthene	22.63	252	3063962m	44.88	ng		
89) Benzo(k)fluoranthene	22.68	252	2928109	44.15	ng		99
90) Benzo(a)pyrene	23.19	252	2859597	44.92	ng		98
91) Dibenzo(a,h)anthracene	25.52	278	2839954	44.37	ng	#	96
92) Benzo(g,h,i)perylene	26.17	276	2852538	43.73	ng	#	94

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

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