Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002309.D
Acq On : 28 May 2020 14:50
Operator : CG/JU
Sample : L2744-24MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NM30-COMP-2020-0-6MSD

Manual Integrations APPROVED
mohammad
5/29/2020 10:31:06 PM

Quant Time: May 28 15:53:29 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 11:01:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	287769	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	1173409	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	669758	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	1398953	20.00	ng		0.00
76) Chrysene-d12	21.10	240	1258713	20.00	ng		0.00
86) Perylene-d12	23.29	264	1413052	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1199154	78.26	ng		0.00
7) Phenol-d6	6.79	99	1582548	75.93	ng		0.00
23) Nitrobenzene-d5	8.75	82	1016008	52.06	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	463810	73.07	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	2032590	53.55	ng		0.00
79) Terphenyl-d14	19.59	244	2848037	54.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	269911	38.308	ng		100
3) Pyridine	3.56	79	668282	33.140	ng		99
4) n-Nitrosodimethylamine	3.48	42	326116	41.984	ng		100
6) Aniline	6.94	93	842272	29.247	ng		97
8) 2-Chlorophenol	7.17	128	776454	44.284	ng		99
9) Benzaldehyde	6.75	77	471642	40.483	ng		99
10) Phenol	6.82	94	1026686	44.765	ng		99
11) bis(2-Chloroethyl)ether	7.04	93	780884	40.897	ng		99
12) 1,3-Dichlorobenzene	7.50	146	818879	40.757	ng		99
13) 1,4-Dichlorobenzene	7.64	146	827021	40.986	ng		99
14) 1,2-Dichlorobenzene	7.96	146	792464	41.079	ng		98
15) Benzyl Alcohol	7.85	79	676497	42.714	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1040976	39.515	ng		100
17) 2-Methylphenol	8.06	107	655930	40.042	ng		99
18) Hexachloroethane	8.68	117	291804	40.407	ng		96
19) n-Nitroso-di-n-propylamine	8.41	70	557695	40.349	ng		99
20) 3+4-Methylphenols	8.38	107	865902	38.899	ng		97
22) Acetophenone	8.42	105	1091262	40.732	ng	#	97
24) Nitrobenzene	8.79	77	865482	40.678	ng		99
25) Isophorone	9.32	82	1587119	39.595	ng		100
26) 2-Nitrophenol	9.50	139	399014	44.019	ng		98
27) 2,4-Dimethylphenol	9.57	122	694019	46.500	ng		99
28) bis(2-Chloroethoxy)methane	9.80	93	992981	40.710	ng		100
29) 2,4-Dichlorophenol	10.03	162	697280	42.395	ng		98
30) 1,2,4-Trichlorobenzene	10.25	180	747293	40.348	ng		97
31) Naphthalene	10.43	128	2260208	41.073	ng		100
32) Benzoic acid	9.72	122	512762	44.624	ng		98
33) 4-Chloroaniline	10.53	127	437787	18.112	ng		99
34) Hexachlorobutadiene	10.73	225	418475	38.740	ng		100
35) Caprolactam	11.29	113	231261m	40.595	ng		
36) 4-Chloro-3-methylphenol	11.68	107	723979	40.874	ng		98
37) 2-Methylnaphthalene	12.05	142	1589042	41.183	ng		98
38) 1-Methylnaphthalene	12.27	142	1486007	40.570	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	754868	42.412	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	432383	45.692	ng		99
43) 2,4,6-Trichlorophenol	12.67	196	517477	41.990	ng		99
44) 2,4,5-Trichlorophenol	12.74	196	561903	39.291	ng		96
46) 1,1'-Biphenyl	13.07	154	1909842	43.516	ng		100
47) 2-Chloronaphthalene	13.11	162	1486972	41.066	ng		99
48) 2-Nitroaniline	13.32	65	468991	42.120	ng		95
49) Acenaphthylene	13.97	152	2404667	41.911	ng		100
50) Dimethylphthalate	13.72	163	2037334	44.940	ng		99
51) 2,6-Dinitrotoluene	13.82	165	392607	39.905	ng		99
52) Acenaphthene	14.32	154	1505678m	40.792	ng		
53) 3-Nitroaniline	14.15	138	263845	23.439	ng		96
54) 2,4-Dinitrophenol	14.36	184	212225	42.689	ng		100
55) Dibenzofuran	14.65	168	2217016	40.622	ng		99
56) 4-Nitrophenol	14.47	139	751331	84.449	ng		98
57) 2,4-Dinitrotoluene	14.62	165	526755	39.834	ng		97
58) Fluorene	15.30	166	1588109	39.234	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.88	232	471895m	41.429	ng		
60) Diethylphthalate	15.10	149	1719681	38.359	ng		99
61) 4-Chlorophenyl-phenylether	15.30	204	786025	36.799	ng		98
62) 4-Nitroaniline	15.32	138	324523	31.144	ng		97
63) Azobenzene	15.60	77	1863596	40.538	ng		100
65) 4,6-Dinitro-2-methylphenol	15.39	198	154469	22.328	ng		96
66) n-Nitrosodiphenylamine	15.52	169	1498789	40.803	ng		100
67) 4-Bromophenyl-phenylether	16.20	248	525267	38.206	ng		98
68) Hexachlorobenzene	16.32	284	577582	39.764	ng		99
69) Atrazine	16.48	200	467777	39.919	ng		97
70) Pentachlorophenol	16.66	266	733850	82.820	ng		98
71) Phenanthrene	17.05	178	2833193	42.756	ng		100
72) Anthracene	17.13	178	2818794	43.232	ng		100
73) Carbazole	17.40	167	2600131	40.780	ng		98
74) Di-n-butylphthalate	17.99	149	3065915	42.265	ng		100
75) Fluoranthene	19.02	202	3470364	45.469	ng		99
77) Benzidine	19.21	184	2157829	84.417	ng		99
78) Pyrene	19.37	202	3520365	44.914	ng		99
80) Butylbenzylphthalate	20.27	149	1434727	45.976	ng		92
81) Benzo(a)anthracene	21.09	228	3134707	43.506	ng		99
82) 3,3'-Dichlorobenzidine	21.02	252	1167121	46.233	ng		98
83) Chrysene	21.13	228	2955742	42.744	ng		99
84) Bis(2-ethylhexyl)phthalate	21.04	149	2105579	44.156	ng		100
85) Di-n-octyl phthalate	21.91	149	3665150	46.245	ng		99
87) Indeno(1,2,3-cd)pyrene	25.51	276	3735550	42.710	ng	#	95
88) Benzo(b)fluoranthene	22.64	252	3351798	43.508	ng	#	97
89) Benzo(k)fluoranthene	22.69	252	2997132	40.541	ng		98
90) Benzo(a)pyrene	23.20	252	3064629	42.884	ng		98
91) Dibenzo(a,h)anthracene	25.53	278	3011244	42.226	ng		95
92) Benzo(g,h,i)perylene	26.19	276	3203120	44.034	ng		94

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

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