Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002346.D
Acq On : 01 Jun 2020 19:07
Operator : CG/JU
Sample : L2798-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NM45-COMP-2020-0-6MS

Manual Integrations APPROVED
mohammad
6/2/2020 3:23:58 PM

Quant Time: Jun 02 00:55:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	288479	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1072692	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	590350	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1190780	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1051356	20.00	ng	0.01
86) Perylene-d12	23.33	264	1183459	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1334774	86.90	ng	0.01
7) Phenol-d6	6.80	99	1801722	86.23	ng	0.01
23) Nitrobenzene-d5	8.76	82	1324813	74.25	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	505197	90.29	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2566308	76.71	ng	0.00
79) Terphenyl-d14	19.60	244	3265874	75.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	312948	44.307	ng	99
3) Pyridine	3.56	79	737437	36.479	ng	99
4) n-Nitrosodimethylamine	3.48	42	361831	46.468	ng	98
6) Aniline	6.94	93	740824	25.661	ng	99
8) 2-Chlorophenol	7.18	128	805047	45.802	ng	99
9) Benzaldehyde	6.75	77	489872	41.944	ng	98
10) Phenol	6.83	94	1043986	45.408	ng	99
11) bis(2-Chloroethyl)ether	7.05	93	822717	42.982	ng	99
12) 1,3-Dichlorobenzene	7.50	146	882672	43.824	ng	98
13) 1,4-Dichlorobenzene	7.65	146	893092	44.151	ng	99
14) 1,2-Dichlorobenzene	7.96	146	843327	43.608	ng	98
15) Benzyl Alcohol	7.85	79	675794	42.565	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1107190	41.925	ng	99
17) 2-Methylphenol	8.06	107	657982	40.069	ng	97
18) Hexachloroethane	8.68	117	267634	36.969	ng	92
19) n-Nitroso-di-n-propylamine	8.42	70	566674	40.897	ng	99
20) 3+4-Methylphenols	8.39	107	871958	39.075	ng	98
22) Acetophenone	8.42	105	1100516	44.935	ng	99
24) Nitrobenzene	8.80	77	885716	45.538	ng	99
25) Isophorone	9.32	82	1597897	43.607	ng	99
26) 2-Nitrophenol	9.50	139	397617	47.983	ng	99
27) 2,4-Dimethylphenol	9.58	122	691720	50.698	ng	99
28) bis(2-Chloroethoxy)methane	9.81	93	1006142	45.123	ng	99
29) 2,4-Dichlorophenol	10.05	162	696789	46.343	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	773865	45.706	ng	98
31) Naphthalene	10.43	128	2288898	45.499	ng	100
32) Benzoic acid	9.74	122	509720	48.104	ng	98
33) 4-Chloroaniline	10.54	127	323741	14.651	ng	99
34) Hexachlorobutadiene	10.73	225	433279	43.877	ng	98
35) Caprolactam	11.30	113	222284	42.682	ng	99
36) 4-Chloro-3-methylphenol	11.69	107	712458	44.000	ng	99
37) 2-Methylnaphthalene	12.06	142	1570136	44.514	ng	99
38) 1-Methylnaphthalene	12.28	142	1465257	43.760	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	773736	49.320	ng	99

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Quant Time: Jun 02 00:55:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	250021	29.975	ng		100
43) 2,4,6-Trichlorophenol	12.68	196	513126	47.238	ng		99
44) 2,4,5-Trichlorophenol	12.75	196	553209	43.886	ng		96
46) 1,1'-Biphenyl	13.09	154	1889578	48.845	ng		98
47) 2-Chloronaphthalene	13.12	162	1457449	45.665	ng		100
48) 2-Nitroaniline	13.32	65	479493	48.856	ng		96
49) Acenaphthylene	13.97	152	2348152	46.431	ng		99
50) Dimethylphthalate	13.72	163	2153529	53.893	ng		100
51) 2,6-Dinitrotoluene	13.83	165	363947	41.967	ng		98
52) Acenaphthene	14.32	154	1422326m	43.717	ng		
53) 3-Nitroaniline	14.16	138	251781	25.376	ng		100
54) 2,4-Dinitrophenol	14.37	184	129923	29.649	ng		96
55) Dibenzofuran	14.66	168	2127835	44.232	ng		99
56) 4-Nitrophenol	14.49	139	688509	87.797	ng		99
57) 2,4-Dinitrotoluene	14.63	165	467893	40.142	ng		97
58) Fluorene	15.32	166	1547445	43.372	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.89	232	460448	45.861	ng		94
60) Diethylphthalate	15.10	149	1664980	42.135	ng		99
61) 4-Chlorophenyl-phenylether	15.32	204	774895	41.158	ng		99
62) 4-Nitroaniline	15.33	138	321396	34.993	ng		96
63) Azobenzene	15.61	77	1758506	43.398	ng		99
65) 4,6-Dinitro-2-methylphenol	15.40	198	96486	16.385	ng		93
66) n-Nitrosodiphenylamine	15.53	169	1433520	45.848	ng		99
67) 4-Bromophenyl-phenylether	16.21	248	502721	42.958	ng		98
68) Hexachlorobenzene	16.33	284	550763	44.547	ng		94
69) Atrazine	16.50	200	441230	44.236	ng		99
70) Pentachlorophenol	16.67	266	656429	87.034	ng		95
71) Phenanthrene	17.06	178	2932015	51.983	ng		100
72) Anthracene	17.15	178	2773135	49.967	ng		100
73) Carbazole	17.42	167	2489755	45.876	ng		99
74) Di-n-butylphthalate	18.00	149	2901821	46.996	ng		100
75) Fluoranthene	19.04	202	4023119	61.927	ng		99
77) Benzidine	19.23	184	2493811	116.803	ng		98
78) Pyrene	19.39	202	3970235	60.644	ng		97
80) Butylbenzylphthalate	20.29	149	1344832	51.595	ng		94
81) Benzo(a)anthracene	21.10	228	3273897	54.399	ng		99
82) 3,3'-Dichlorobenzidine	21.04	252	1132915	53.730	ng		97
83) Chrysene	21.16	228	2987281	51.720	ng		100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1895690	47.595	ng		98
85) Di-n-octyl phthalate	21.93	149	3296395	49.795	ng		99
87) Indeno(1,2,3-cd)pyrene	25.57	276	3762088	51.358	ng		97
88) Benzo(b)fluoranthene	22.67	252	3662617	56.765	ng		97
89) Benzo(k)fluoranthene	22.72	252	2938076	47.453	ng		99
90) Benzo(a)pyrene	23.24	252	3202854	53.513	ng		98
91) Dibenzo(a,h)anthracene	25.59	278	2798385	46.854	ng	#	95
92) Benzo(g,h,i)perylene	26.25	276	3328772	54.639	ng		96

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

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