Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002306.D
Acq On : 28 May 2020 13:08
Operator : CG/JU
Sample : L2744-22MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NM42-COMP-2020-0-6MSD

Manual Integrations APPROVED
mohammad
5/29/2020 10:30:56 PM

Quant Time: May 28 14:26:28 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	281679	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1149075	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	657156	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1359679	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1280491	20.00	ng	0.00
86) Perylene-d12	23.29	264	1417503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1044163	69.62	ng	0.00
7) Phenol-d6	6.79	99	1406254	68.93	ng	0.00
23) Nitrobenzene-d5	8.75	82	928771	48.60	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	400614	64.32	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1892390	50.81	ng	0.00
79) Terphenyl-d14	19.58	244	2683855	50.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	253347	36.734	ng	98
3) Pyridine	3.56	79	627999	31.816	ng	99
4) n-Nitrosodimethylamine	3.48	42	302679	39.810	ng	97
6) Aniline	6.93	93	809187	28.705	ng	99
8) 2-Chlorophenol	7.18	128	712863	41.536	ng	100
9) Benzaldehyde	6.75	77	440623	38.638	ng	99
10) Phenol	6.82	94	951763	42.396	ng	98
11) bis(2-Chloroethyl)ether	7.04	93	722438	38.654	ng	98
12) 1,3-Dichlorobenzene	7.50	146	756667	38.475	ng	99
13) 1,4-Dichlorobenzene	7.64	146	770453	39.008	ng	97
14) 1,2-Dichlorobenzene	7.96	146	738181	39.093	ng	99
15) Benzyl Alcohol	7.85	79	621649	40.100	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	960502	37.249	ng	99
17) 2-Methylphenol	8.05	107	602840	37.597	ng	99
18) Hexachloroethane	8.68	117	272309	38.523	ng	95
19) n-Nitroso-di-n-propylamine	8.41	70	509929	37.691	ng	98
20) 3+4-Methylphenols	8.38	107	798142	36.630	ng	97
22) Acetophenone	8.42	105	1001157	38.160	ng	100
24) Nitrobenzene	8.79	77	796946	38.250	ng	100
25) Isophorone	9.32	82	1451968	36.990	ng	99
26) 2-Nitrophenol	9.50	139	362321	40.817	ng	99
27) 2,4-Dimethylphenol	9.58	122	638229	43.668	ng	100
28) bis(2-Chloroethoxy)methane	9.80	93	912616	38.208	ng	99
29) 2,4-Dichlorophenol	10.03	162	637191	39.562	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	686707	37.862	ng	99
31) Naphthalene	10.43	128	2076975	38.542	ng	100
32) Benzoic acid	9.71	122	455522	40.928	ng	97
33) 4-Chloroaniline	10.53	127	437869	18.499	ng	99
34) Hexachlorobutadiene	10.73	225	387950	36.675	ng	99
35) Caprolactam	11.29	113	208452m	37.366	ng	
36) 4-Chloro-3-methylphenol	11.68	107	655996	37.820	ng	98
37) 2-Methylnaphthalene	12.05	142	1438583	38.073	ng	99
38) 1-Methylnaphthalene	12.27	142	1363566	38.016	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	685308	39.242	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	452919	48.780	ng		99
43) 2,4,6-Trichlorophenol	12.67	196	475226	39.301	ng		98
44) 2,4,5-Trichlorophenol	12.74	196	506741	36.113	ng		97
46) 1,1'-Biphenyl	13.07	154	1754232	40.737	ng		99
47) 2-Chloronaphthalene	13.11	162	1359979	38.279	ng		99
48) 2-Nitroaniline	13.32	65	420801	38.517	ng		94
49) Acenaphthylene	13.96	152	2231147	39.632	ng		100
50) Dimethylphthalate	13.72	163	1891029	42.513	ng		100
51) 2,6-Dinitrotoluene	13.82	165	355888	36.866	ng		100
52) Acenaphthene	14.31	154	1427487m	39.415	ng		
53) 3-Nitroaniline	14.15	138	250125	22.646	ng		98
54) 2,4-Dinitrophenol	14.36	184	246954	50.627	ng		99
55) Dibenzofuran	14.65	168	2005658	37.454	ng		99
56) 4-Nitrophenol	14.47	139	689682	79.006	ng		96
57) 2,4-Dinitrotoluene	14.62	165	476247	36.705	ng		95
58) Fluorene	15.30	166	1462412	36.822	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.88	232	434350	38.864	ng		93
60) Diethylphthalate	15.10	149	1570929	35.713	ng		99
61) 4-Chlorophenyl-phenylether	15.30	204	729032	34.785	ng		99
62) 4-Nitroaniline	15.32	138	307577	30.084	ng		97
63) Azobenzene	15.60	77	1700575	37.701	ng		99
65) 4,6-Dinitro-2-methylphenol	15.38	198	181369	26.974	ng		99
66) n-Nitrosodiphenylamine	15.52	169	1362029	38.151	ng		99
67) 4-Bromophenyl-phenylether	16.20	248	466548	34.915	ng		98
68) Hexachlorobenzene	16.32	284	524477	37.151	ng		96
69) Atrazine	16.48	200	424985	37.314	ng		98
70) Pentachlorophenol	16.66	266	665029	77.221	ng		97
71) Phenanthrene	17.05	178	2694945	41.844	ng		99
72) Anthracene	17.13	178	2600715	41.039	ng		100
73) Carbazole	17.40	167	2362045	38.116	ng		99
74) Di-n-butylphthalate	17.99	149	2804835	39.783	ng		100
75) Fluoranthene	19.02	202	3376646	45.519	ng		99
77) Benzidine	19.20	184	1712200	65.845	ng		99
78) Pyrene	19.37	202	3419070	42.880	ng		98
80) Butylbenzylphthalate	20.27	149	1309072	41.236	ng		92
81) Benzo(a)anthracene	21.08	228	3027501	41.303	ng		99
82) 3,3'-Dichlorobenzidine	21.02	252	1063262	41.403	ng		98
83) Chrysene	21.13	228	2827924	40.200	ng		99
84) Bis(2-ethylhexyl)phthalate	21.05	149	1924014	39.662	ng		99
85) Di-n-octyl phthalate	21.91	149	3418823	42.403	ng		98
87) Indeno(1,2,3-cd)pyrene	25.51	276	3597342	41.001	ng	#	95
88) Benzo(b)fluoranthene	22.64	252	3301752	42.723	ng	#	98
89) Benzo(k)fluoranthene	22.68	252	2839589m	38.290	ng		
90) Benzo(a)pyrene	23.20	252	2919068	40.719	ng		98
91) Dibenzo(a,h)anthracene	25.53	278	2845276	39.774	ng	#	96
92) Benzo(g,h,i)perylene	26.18	276	3093675	42.396	ng	#	96

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

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