Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002802.D
Acq On : 20 Jul 2020 16:03
Operator : CG/JU
Sample : L3177-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AU-05-071720MSD

Manual Integrations APPROVED
mohammad
7/21/2020 11:33:07 AM

Quant Time: Jul 20 16:49:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	122437	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	504654	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	307750	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	659598	20.00	ng	0.00
76) Chrysene-d12	21.08	240	611764	20.00	ng	0.00
86) Perylene-d12	23.26	264	612135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	897044	123.61	ng	0.00
7) Phenol-d6	6.76	99	1073230	103.63	ng	0.00
23) Nitrobenzene-d5	8.70	82	857666	90.90	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	428030	133.24	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1522435	76.53	ng	0.00
79) Terphenyl-d14	19.55	244	2112097	79.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	122069	38.583	ng	# 1
3) Pyridine	3.51	79	372795	39.538	ng	100
4) n-Nitrosodimethylamine	3.42	42	177933	50.095	ng	96
6) Aniline	6.88	93	443695	33.841	ng	98
8) 2-Chlorophenol	7.12	128	421460	52.200	ng	97
9) Benzaldehyde	6.69	77	109222	19.410	ng	98
10) Phenol	6.78	94	465376	43.865	ng	97
11) bis(2-Chloroethyl)ether	6.98	93	434613	49.252	ng	98
12) 1,3-Dichlorobenzene	7.44	146	438126	47.323	ng	99
13) 1,4-Dichlorobenzene	7.58	146	444899	47.883	ng	98
14) 1,2-Dichlorobenzene	7.89	146	432731	48.296	ng	99
15) Benzyl Alcohol	7.79	79	395896	57.123	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.09	45	597310	47.066	ng	99
17) 2-Methylphenol	8.02	107	362233	47.925	ng	99
18) Hexachloroethane	8.61	117	151905	46.159	ng	99
19) n-Nitroso-di-n-propylamine	8.36	70	324309	51.421	ng	100
20) 3+4-Methylphenols	8.34	107	466115	46.639	ng	97
22) Acetophenone	8.36	105	608165	48.884	ng	# 97
24) Nitrobenzene	8.74	77	514861	50.383	ng	100
25) Isophorone	9.26	82	952128	49.510	ng	99
26) 2-Nitrophenol	9.45	139	229431	51.982	ng	97
27) 2,4-Dimethylphenol	9.53	122	381317	53.215	ng	97
28) bis(2-Chloroethoxy)methane	9.75	93	584073	50.003	ng	99
29) 2,4-Dichlorophenol	9.99	162	413616	52.356	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	425335	47.005	ng	99
31) Naphthalene	10.37	128	1269792	47.659	ng	100
32) Benzoic acid	9.72	122	172771	33.642	ng	99
33) 4-Chloroaniline	10.49	127	106960	9.369	ng	99
34) Hexachlorobutadiene	10.66	225	237556	45.421	ng	98
35) Caprolactam	11.27	113	106291m	38.480	ng	
36) 4-Chloro-3-methylphenol	11.65	107	449893	52.831	ng	99
37) 2-Methylnaphthalene	11.99	142	917347	48.792	ng	98
38) 1-Methylnaphthalene	12.22	142	862153	48.482	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	459711	48.606	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	140136	37.776 ng	98
43) 2,4,6-Trichlorophenol	12.63	196	323324	53.408 ng	98
44) 2,4,5-Trichlorophenol	12.72	196	344267	49.030 ng	98
46) 1,1'-Biphenyl	13.03	154	1103610	48.102 ng	98
47) 2-Chloronaphthalene	13.06	162	881863	47.323 ng	97
48) 2-Nitroaniline	13.28	65	322869	56.051 ng	97
49) Acenaphthylene	13.92	152	1429865	48.673 ng	100
50) Dimethylphthalate	13.67	163	1249414	53.234 ng	99
51) 2,6-Dinitrotoluene	13.79	165	251613	50.075 ng	96
52) Acenaphthene	14.27	154	841798	47.947 ng	100
53) 3-Nitroaniline	14.12	138	132071	23.493 ng	93
54) 2,4-Dinitrophenol	14.35	184	86884	37.965 ng	95
55) Dibenzofuran	14.60	168	1320567	46.898 ng	97
56) 4-Nitrophenol	14.47	139	353283	78.520 ng	96
57) 2,4-Dinitrotoluene	14.59	165	333961	50.467 ng	95
58) Fluorene	15.26	166	977709	46.925 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	296732	53.612 ng	99
60) Diethylphthalate	15.05	149	1073189	47.161 ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	489902	44.252 ng	96
62) 4-Nitroaniline	15.29	138	240040	40.199 ng	96
63) Azobenzene	15.56	77	1166577	49.859 ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	74137	22.007 ng	97
66) n-Nitrosodiphenylamine	15.48	169	939803	48.233 ng	100
67) 4-Bromophenyl-phenylether	16.16	248	337116	46.920 ng	98
68) Hexachlorobenzene	16.28	284	374285	49.442 ng	97
69) Atrazine	16.45	200	303556	57.066 ng	98
70) Pentachlorophenol	16.63	266	423929	112.456 ng	99
71) Phenanthrene	17.00	178	1683354	47.136 ng	100
72) Anthracene	17.10	178	1712736	48.872 ng	100
73) Carbazole	17.37	167	1648205	47.926 ng	99
74) Di-n-butylphthalate	17.95	149	1869921	50.135 ng	100
75) Fluoranthene	18.99	202	2063449	49.864 ng	99
77) Benzidine	19.17	184	1175733	77.536 ng	99
78) Pyrene	19.35	202	2083019	49.316 ng	99
80) Butylbenzylphthalate	20.24	149	891661	53.496 ng	100
81) Benzo(a)anthracene	21.06	228	1924491	48.597 ng	100
82) 3,3'-Dichlorobenzidine	21.00	252	637732	48.626 ng	100
83) Chrysene	21.12	228	1788823	47.454 ng	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	1156895	49.904 ng	99
85) Di-n-octyl phthalate	21.86	149	2216260	53.175 ng	99
87) Indeno(1,2,3-cd)pyrene	25.48	276	2138133	48.327 ng	99
88) Benzo(b)fluoranthene	22.62	252	1947245	51.230 ng	99
89) Benzo(k)fluoranthene	22.66	252	1898719	50.714 ng	99
90) Benzo(a)pyrene	23.17	252	1781754	49.466 ng	99
91) Dibenzo(a,h)anthracene	25.49	278	1767560	49.538 ng	99
92) Benzo(g,h,i)perylene	26.15	276	1784551	49.329 ng	99

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

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