Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003004.D
Acq On : 17 Aug 2020 16:02
Operator : CG/JU
Sample : L3504-06MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-02-081120MS

Manual Integrations APPROVED
mohammad
8/19/2020 2:20:48 PM

Quant Time: Aug 18 03:10:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	367780	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1447221	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	725993	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1615426	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1329326	20.00	ng	0.00
86) Perylene-d12	23.42	264	1555252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2295943	95.54	ng	0.00
7) Phenol-d6	6.87	99	2458076	73.68	ng	0.00
23) Nitrobenzene-d5	8.83	82	1549683	58.00	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	954663	105.80	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4010900	75.48	ng	0.00
79) Terphenyl-d14	19.66	244	4638538	69.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	329931	31.985	ng	# 63
3) Pyridine	3.63	79	554371	19.290	ng	99
4) n-Nitrosodimethylamine	3.54	42	248006	29.378	ng	93
6) Aniline	7.02	93	524893	13.561	ng	99
8) 2-Chlorophenol	7.26	128	1087687	42.452	ng	99
9) Benzaldehyde	6.83	77	385456	21.700	ng	99
10) Phenol	6.89	94	980479	29.181	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	943808	36.520	ng	99
12) 1,3-Dichlorobenzene	7.58	146	1228393	42.478	ng	99
13) 1,4-Dichlorobenzene	7.72	146	1141829	39.063	ng	99
14) 1,2-Dichlorobenzene	8.04	146	1079107	38.712	ng	100
15) Benzyl Alcohol	7.92	79	646259	29.358	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	684422	28.189	ng	99
17) 2-Methylphenol	8.13	107	701659	32.679	ng	100
18) Hexachloroethane	8.76	117	382474	37.515	ng	99
19) n-Nitroso-di-n-propylamine	8.49	70	510425	26.552	ng	99
20) 3+4-Methylphenols	8.46	107	925860	31.995	ng	99
22) Acetophenone	8.50	105	1271393	31.137	ng	# 99
24) Nitrobenzene	8.88	77	814042	28.062	ng	100
25) Isophorone	9.40	82	1546517	26.941	ng	98
26) 2-Nitrophenol	9.58	139	497785	41.759	ng	99
27) 2,4-Dimethylphenol	9.65	122	798280	34.920	ng	100
28) bis(2-Chloroethoxy)methane	9.89	93	1045345	32.641	ng	100
29) 2,4-Dichlorophenol	10.12	162	961842	39.978	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	1111163	39.508	ng	99
31) Naphthalene	10.52	128	3292039	39.737	ng	100
32) Benzoic acid	9.78	122	334846	28.604	ng	99
33) 4-Chloroaniline	10.63	127	252249	7.347	ng	99
34) Hexachlorobutadiene	10.82	225	607303	35.285	ng	99
35) Caprolactam	11.38	113	219980	29.550	ng	97
36) 4-Chloro-3-methylphenol	11.76	107	882610	35.291	ng	98
37) 2-Methylnaphthalene	12.13	142	2084081	35.365	ng	100
38) 1-Methylnaphthalene	12.36	142	1951843	35.185	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	957978	36.701	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1101760	81.365	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	636146	42.050	ng	100
44) 2,4,5-Trichlorophenol	12.82	196	678802	40.902	ng	99
46) 1,1'-Biphenyl	13.16	154	2519443	41.979	ng	100
47) 2-Chloronaphthalene	13.19	162	1927642	41.016	ng	100
48) 2-Nitroaniline	13.39	65	386285	34.197	ng	97
49) Acenaphthylene	14.05	152	3068682	41.635	ng	99
50) Dimethylphthalate	13.79	163	2352635	41.433	ng	100
51) 2,6-Dinitrotoluene	13.90	165	516924	40.845	ng	99
52) Acenaphthene	14.39	154	1979380m	41.784	ng	
53) 3-Nitroaniline	14.22	138	305049	24.423	ng	99
54) 2,4-Dinitrophenol	14.43	184	277147	54.277	ng	100
55) Dibenzofuran	14.73	168	2806774	38.627	ng	99
56) 4-Nitrophenol	14.55	139	812141	80.659	ng	97
57) 2,4-Dinitrotoluene	14.69	165	688122	41.364	ng	97
58) Fluorene	15.38	166	2134794	37.524	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	573844	41.441	ng	99
60) Diethylphthalate	15.16	149	2331377	42.018	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	1064138	36.343	ng	99
62) 4-Nitroaniline	15.39	138	521011	39.967	ng	97
63) Azobenzene	15.67	77	1700469	30.443	ng	97
65) 4,6-Dinitro-2-methylphenol	15.46	198	262667	33.621	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1941624	36.291	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	677357	34.465	ng	100
68) Hexachlorobenzene	16.39	284	765878	33.692	ng	100
69) Atrazine	16.55	200	587899	32.434	ng	98
70) Pentachlorophenol	16.73	266	998840	84.734	ng	100
71) Phenanthrene	17.12	178	3866236	40.814	ng	99
72) Anthracene	17.21	178	3810187	41.154	ng	100
73) Carbazole	17.48	167	3592283	39.730	ng	100
74) Di-n-butylphthalate	18.06	149	4362283	45.864	ng	100
75) Fluoranthene	19.10	202	4328568	39.660	ng	99
77) Benzidine	19.27	184	892154	22.009	ng	99
78) Pyrene	19.45	202	3886058	41.817	ng	99
80) Butylbenzylphthalate	20.34	149	1769317	46.942	ng	99
81) Benzo(a)anthracene	21.16	228	3685959	40.707	ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	624166	17.416	ng	100
83) Chrysene	21.21	228	3481737	40.763	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2596441	50.484	ng	98
85) Di-n-octyl phthalate	21.98	149	4535762	53.685	ng	100
87) Indeno(1,2,3-cd)pyrene	25.72	276	5538809	44.469	ng	100
88) Benzo(b)fluoranthene	22.74	252	4354923	39.680	ng	99
89) Benzo(k)fluoranthene	22.79	252	3964921	38.222	ng	99
90) Benzo(a)pyrene	23.32	252	3970449	40.037	ng	100
91) Dibenzo(a,h)anthracene	25.73	278	4579622	43.200	ng	99
92) Benzo(g,h,i)perylene	26.42	276	4779989	46.629	ng	100

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

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