Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
Data File : BP003069.D
Acq On : 20 Aug 2020 17:22
Operator : CG/JU
Sample : L3499-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-081820MSD

Manual Integrations APPROVED
mohammad
8/21/2020 12:50:45 PM

Quant Time: Aug 20 17:58:07 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	7.68	152	199321	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	796678	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	473441	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1043301	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1215129	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1473330	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1336931	102.66	ng	0.00
7) Phenol-d6	6.86	99	1467187	81.14	ng	0.00
23) Nitrobenzene-d5	8.82	82	991982	67.44	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	719641	122.30	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2793113	80.61	ng	-0.01
79) Terphenyl-d14	19.65	244	3741046	61.63	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	160965	28.793	ng	# 58
3) Pyridine	3.62	79	325290	20.885	ng	99
4) n-Nitrosodimethylamine	3.53	42	137154	29.978	ng	94
6) Aniline	7.00	93	495812	23.636	ng	99
8) 2-Chlorophenol	7.25	128	622025	44.796	ng	99
9) Benzaldehyde	6.82	77	282473	29.342	ng	98
10) Phenol	6.89	94	579695	31.834	ng	96
11) bis(2-Chloroethyl)ether	7.11	93	491195	35.070	ng	98
12) 1,3-Dichlorobenzene	7.57	146	607533	38.764	ng	98
13) 1,4-Dichlorobenzene	7.72	146	618488	39.042	ng	99
14) 1,2-Dichlorobenzene	8.03	146	608352	40.269	ng	100
15) Benzyl Alcohol	7.92	79	430138	36.055	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	381321	28.979	ng	98
17) 2-Methylphenol	8.13	107	467925	40.212	ng	98
18) Hexachloroethane	8.76	117	196675	35.594	ng	95
19) n-Nitroso-di-n-propylamine	8.48	70	311188	29.870	ng	98
20) 3+4-Methylphenols	8.45	107	621789	39.648	ng	99
22) Acetophenone	8.49	105	804066	35.772	ng	# 98
24) Nitrobenzene	8.86	77	511733	32.046	ng	98
25) Isophorone	9.39	82	963335	30.485	ng	100
26) 2-Nitrophenol	9.58	139	330985	49.500	ng	99
27) 2,4-Dimethylphenol	9.65	122	548649	43.598	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	625156	35.460	ng	100
29) 2,4-Dichlorophenol	10.11	162	585284	44.191	ng	100
30) 1,2,4-Trichlorobenzene	10.33	180	576538	37.238	ng	99
31) Naphthalene	10.51	128	1947381	42.701	ng	99
32) Benzoic acid	9.79	122	298012	41.505	ng	98
33) 4-Chloroaniline	10.62	127	279395	14.783	ng	99
34) Hexachlorobutadiene	10.81	225	321801	33.965	ng	98
35) Caprolactam	11.38	113	157077m	38.330	ng	
36) 4-Chloro-3-methylphenol	11.76	107	563288	40.914	ng	99
37) 2-Methylnaphthalene	12.13	142	1342109	41.372	ng	99
38) 1-Methylnaphthalene	12.35	142	1262033	41.327	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	639881	37.592	ng	100

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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	12.49	237	493177	55.850 ng	100
43) 2,4,6-Trichlorophenol	12.75	196	446428	45.251 ng	99
44) 2,4,5-Trichlorophenol	12.82	196	513906	47.484 ng	99
46) 1,1'-Biphenyl	13.15	154	1667545	42.606 ng	99
47) 2-Chloronaphthalene	13.19	162	1287106	41.996 ng	99
48) 2-Nitroaniline	13.39	65	276273	37.121 ng	97
49) Acenaphthylene	14.03	152	2099972	43.690 ng	99
50) Dimethylphthalate	13.78	163	1650429	44.571 ng	100
51) 2,6-Dinitrotoluene	13.89	165	373024	44.889 ng	98
52) Acenaphthene	14.39	154	1241987	40.203 ng	99
53) 3-Nitroaniline	14.22	138	263833	31.322 ng	98
54) 2,4-Dinitrophenol	14.43	184	259729	74.478 ng	98
55) Dibenzofuran	14.72	168	1968982	41.552 ng	98
56) 4-Nitrophenol	14.54	139	679922	103.549 ng	97
57) 2,4-Dinitrotoluene	14.68	165	522318	47.522 ng	99
58) Fluorene	15.37	166	1415161	38.144 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	441799	48.925 ng	99
60) Diethylphthalate	15.16	149	1548477	42.795 ng	98
61) 4-Chlorophenyl-phenylether	15.37	204	680107	35.618 ng	98
62) 4-Nitroaniline	15.39	138	349811	41.078 ng	93
63) Azobenzene	15.66	77	1055603	28.979 ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	195266	37.657 ng	98
66) n-Nitrosodiphenylamine	15.59	169	1301524	37.668 ng	99
67) 4-Bromophenyl-phenylether	16.27	248	493731	38.899 ng	98
68) Hexachlorobenzene	16.39	284	606154	41.288 ng	95
69) Atrazine	16.55	200	446255	38.121 ng	99
70) Pentachlorophenol	16.73	266	769677	101.100 ng	98
71) Phenanthrene	17.12	178	2649438	43.307 ng	99
72) Anthracene	17.20	178	2642012	44.185 ng	99
73) Carbazole	17.47	167	2658347	45.524 ng	99
74) Di-n-butylphthalate	18.05	149	2900970	47.226 ng	99
75) Fluoranthene	19.09	202	3004039	42.618 ng	98
77) Benzidine	19.27	184	763550	20.607 ng	99
78) Pyrene	19.44	202	3096015	36.447 ng	99
80) Butylbenzylphthalate	20.33	149	1499441	43.743 ng	99
81) Benzo(a)anthracene	21.15	228	3533428	42.690 ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1229011	37.515 ng	99
83) Chrysene	21.20	228	3364502	43.092 ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2019068	42.948 ng	99
85) Di-n-octyl phthalate	21.97	149	3930186	50.889 ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	5067861	42.950 ng	97
88) Benzo(b)fluoranthene	22.73	252	3926147	37.762 ng	99
89) Benzo(k)fluoranthene	22.78	252	3790133	38.569 ng	98
90) Benzo(a)pyrene	23.32	252	3686367	39.240 ng	98
91) Dibenzo(a,h)anthracene	25.72	278	4235959	42.180 ng	98
92) Benzo(g,h,i)perylene	26.40	276	4308893	44.371 ng	98

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

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