Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082420\
Data File : BP003096.D
Acq On : 24 Aug 2020 17:54
Operator : CG/JU
Sample : L3506-10MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

Manual Integrations APPROVED
mohammad
8/25/2020 4:18:03 PM

Quant Time: Aug 24 18:40:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	252573	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	983319	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	595874	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1302416	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1349627	20.00	ng	0.00
86) Perylene-d12	23.38	264	1566355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1592702	111.49	ng	0.00
7) Phenol-d6	6.85	99	1714716	95.75	ng	0.00
23) Nitrobenzene-d5	8.81	82	1207217	88.51	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1042977	129.42	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3405660	83.70	ng	0.00
79) Terphenyl-d14	19.63	244	4845881	79.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	208075	38.099	ng	# 52
3) Pyridine	3.61	79	392606	27.315	ng	100
4) n-Nitrosodimethylamine	3.52	42	171335	45.649	ng	98
6) Aniline	7.00	93	411050	21.082	ng	99
8) 2-Chlorophenol	7.23	128	795492	49.949	ng	99
9) Benzaldehyde	6.80	77	296088	35.464	ng	98
10) Phenol	6.88	94	687769	41.442	ng	97
11) bis(2-Chloroethyl)ether	7.09	93	619525	47.164	ng	99
12) 1,3-Dichlorobenzene	7.56	146	890855	46.004	ng	99
13) 1,4-Dichlorobenzene	7.70	146	904996	46.293	ng	99
14) 1,2-Dichlorobenzene	8.02	146	863547	46.592	ng	100
15) Benzyl Alcohol	7.90	79	521555	51.691	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	485760	43.639	ng	97
17) 2-Methylphenol	8.12	107	576680	48.778	ng	99
18) Hexachloroethane	8.74	117	295785	46.248	ng	96
19) n-Nitroso-di-n-propylamine	8.47	70	381171	47.111	ng	99
20) 3+4-Methylphenols	8.44	107	768193	48.225	ng	100
22) Acetophenone	8.48	105	995358	45.453	ng	100
24) Nitrobenzene	8.85	77	631642	47.147	ng	99
25) Isophorone	9.38	82	1211304	50.332	ng	99
26) 2-Nitrophenol	9.56	139	431416	54.028	ng	99
27) 2,4-Dimethylphenol	9.63	122	670094	55.823	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	800584	44.663	ng	99
29) 2,4-Dichlorophenol	10.10	162	761264	51.116	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	810514	45.709	ng	99
31) Naphthalene	10.49	128	2350480	46.526	ng	99
32) Benzoic acid	9.79	122	364938	40.930	ng	96
33) 4-Chloroaniline	10.60	127	143822	6.813	ng	98
34) Hexachlorobutadiene	10.79	225	483300	45.414	ng	99
35) Caprolactam	11.37	113	189226m	42.282	ng	
36) 4-Chloro-3-methylphenol	11.75	107	713852	51.337	ng	99
37) 2-Methylnaphthalene	12.11	142	1705524	47.193	ng	99
38) 1-Methylnaphthalene	12.33	142	1617372	47.085	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	842180	47.685	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	822289	98.493 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	596833	51.394 ng	98
44) 2,4,5-Trichlorophenol	12.80	196	655944	53.400 ng	100
46) 1,1'-Biphenyl	13.13	154	2149010	48.081 ng	99
47) 2-Chloronaphthalene	13.17	162	1646799	45.012 ng	99
48) 2-Nitroaniline	13.37	65	340237	49.669 ng	96
49) Acenaphthylene	14.02	152	2702843	48.857 ng	100
50) Dimethylphthalate	13.77	163	2153956	47.401 ng	100
51) 2,6-Dinitrotoluene	13.88	165	489811	51.864 ng	95
52) Acenaphthene	14.37	154	1575781	46.365 ng	99
53) 3-Nitroaniline	14.20	138	197014	18.413 ng	99
54) 2,4-Dinitrophenol	14.42	184	342504	67.709 ng	99
55) Dibenzofuran	14.70	168	2505198	46.935 ng	99
56) 4-Nitrophenol	14.53	139	803428	104.370 ng	97
57) 2,4-Dinitrotoluene	14.67	165	672643	52.971 ng	98
58) Fluorene	15.36	166	1885834	45.865 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	587926	52.901 ng	100
60) Diethylphthalate	15.15	149	2218476	49.762 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	963080	45.357 ng	99
62) 4-Nitroaniline	15.37	138	471209	42.842 ng	99
63) Azobenzene	15.65	77	1414834	47.817 ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	315723	50.689 ng	98
66) n-Nitrosodiphenylamine	15.57	169	1808382	47.485 ng	100
67) 4-Bromophenyl-phenylether	16.25	248	671580	46.721 ng	98
68) Hexachlorobenzene	16.37	284	788811	46.093 ng	100
69) Atrazine	16.53	200	595178	46.337 ng	99
70) Pentachlorophenol	16.72	266	1010715	123.506 ng	99
71) Phenanthrene	17.10	178	3274715	46.402 ng	99
72) Anthracene	17.19	178	3297677	48.824 ng	100
73) Carbazole	17.46	167	3161579	48.773 ng	99
74) Di-n-butylphthalate	18.03	149	3809085	49.987 ng	99
75) Fluoranthene	19.07	202	3972361	48.701 ng	99
77) Benzidine	19.25	184	1065652	34.548 ng	99
78) Pyrene	19.43	202	4031779	46.028 ng	99
80) Butylbenzylphthalate	20.31	149	1842933	51.099 ng	97
81) Benzo(a)anthracene	21.13	228	4063286	48.064 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	800479	25.742 ng	99
83) Chrysene	21.19	228	3790745	46.832 ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	2628905	50.474 ng	98
85) Di-n-octyl phthalate	21.95	149	4686437	52.480 ng	99
87) Indeno(1,2,3-cd)pyrene	25.67	276	5197945	44.499 ng	98
88) Benzo(b)fluoranthene	22.72	252	4457819	45.790 ng	99
89) Benzo(k)fluoranthene	22.76	252	4388761	47.183 ng	99
90) Benzo(a)pyrene	23.29	252	4130772	45.736 ng	99
91) Dibenzo(a,h)anthracene	25.67	278	4335169	45.178 ng	99
92) Benzo(g,h,i)perylene	26.36	276	4383182	45.517 ng	99

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

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