Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
Data File : BP003076.D
Acq On : 21 Aug 2020 11:54
Operator : CG/JU
Sample : PB131124BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB131124BS

Manual Integrations APPROVED
Sohil
8/24/2020 1:49:13 PM

Quant Time: Aug 21 12:36:55 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	370931	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1463997	20.00	ng		-0.01
39) Acenaphthene-d10	14.32	164	852205	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1646247	20.00	ng		0.00
76) Chrysene-d12	21.17	240	1193014	20.00	ng		0.00
86) Perylene-d12	23.41	264	1053038	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2352265	97.06	ng		0.00
7) Phenol-d6	6.87	99	2697958	80.18	ng		0.00
23) Nitrobenzene-d5	8.83	82	1590753	58.85	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	1148069	108.39	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	4317048	69.21	ng		-0.01
79) Terphenyl-d14	19.65	244	4714813	79.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	267709	25.732	ng		98
3) Pyridine	3.62	79	631352	21.782	ng		99
4) n-Nitrosodimethylamine	3.53	42	237324	27.874	ng		95
6) Aniline	7.01	93	1232577	31.574	ng		99
8) 2-Chlorophenol	7.25	128	1074343	41.575	ng		99
9) Benzaldehyde	6.82	77	487804	27.228	ng		98
10) Phenol	6.89	94	1095838	32.337	ng		97
11) bis(2-Chloroethyl)ether	7.11	93	837848	32.144	ng		98
12) 1,3-Dichlorobenzene	7.57	146	1162993	39.875	ng		99
13) 1,4-Dichlorobenzene	7.72	146	1172028	39.756	ng		100
14) 1,2-Dichlorobenzene	8.03	146	1140551	40.569	ng		100
15) Benzyl Alcohol	7.92	79	704281	31.722	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	687086	28.058	ng		99
17) 2-Methylphenol	8.13	107	801362	37.006	ng		99
18) Hexachloroethane	8.76	117	393206	38.240	ng		95
19) n-Nitroso-di-n-propylamine	8.49	70	517964	26.716	ng		99
20) 3+4-Methylphenols	8.46	107	1080044	37.006	ng		98
22) Acetophenone	8.50	105	1317662	31.900	ng	#	98
24) Nitrobenzene	8.87	77	842981	28.727	ng		97
25) Isophorone	9.40	82	1613848	27.792	ng		100
26) 2-Nitrophenol	9.58	139	571494	46.784	ng		98
27) 2,4-Dimethylphenol	9.65	122	918415	39.715	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	1077891	33.271	ng		99
29) 2,4-Dichlorophenol	10.12	162	984675	40.458	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	1041036	36.590	ng		99
31) Naphthalene	10.51	128	3113246	37.148	ng		100
32) Benzoic acid	9.82	122	533683	40.643	ng		98
33) 4-Chloroaniline	10.62	127	957330	27.564	ng		99
34) Hexachlorobutadiene	10.81	225	629550	36.159	ng		99
35) Caprolactam	11.39	113	286638m	38.063	ng		
36) 4-Chloro-3-methylphenol	11.76	107	905343	35.785	ng		99
37) 2-Methylnaphthalene	12.13	142	2236990	37.525	ng		100
38) 1-Methylnaphthalene	12.35	142	2085536	37.164	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	1059713	34.586	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	1433489	90.185	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	740838	41.718	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	805712	41.359	ng	98
46) 1,1'-Biphenyl	13.15	154	2745851	38.976	ng	99
47) 2-Chloronaphthalene	13.19	162	2114586	38.330	ng	100
48) 2-Nitroaniline	13.39	65	413574	31.540	ng	97
49) Acenaphthylene	14.04	152	3362612	38.866	ng	99
50) Dimethylphthalate	13.79	163	2556363	38.353	ng	100
51) 2,6-Dinitrotoluene	13.89	165	577369	39.005	ng	98
52) Acenaphthene	14.39	154	1959422	35.237	ng	100
53) 3-Nitroaniline	14.22	138	464850	30.729	ng	98
54) 2,4-Dinitrophenol	14.43	184	546426	85.688	ng	97
55) Dibenzofuran	14.72	168	3091219	36.241	ng	99
56) 4-Nitrophenol	14.55	139	948668	80.264	ng	95
57) 2,4-Dinitrotoluene	14.69	165	779235	40.038	ng	98
58) Fluorene	15.37	166	2268908	33.975	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	669459	41.186	ng	99
60) Diethylphthalate	15.16	149	2483183	38.126	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	1167229	33.960	ng	97
62) 4-Nitroaniline	15.39	138	555835	36.544	ng	96
63) Azobenzene	15.66	77	1726703	26.334	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	383548	45.188	ng	93
66) n-Nitrosodiphenylamine	15.59	169	2092955	38.387	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	784517	39.171	ng	98
68) Hexachlorobenzene	16.39	284	903447	39.000	ng	97
69) Atrazine	16.55	200	663418	35.915	ng	99
70) Pentachlorophenol	16.73	266	1037555	86.371	ng	100
71) Phenanthrene	17.12	178	3649982	37.810	ng	100
72) Anthracene	17.20	178	3721212	39.440	ng	100
73) Carbazole	17.47	167	3243241	35.198	ng	100
74) Di-n-butylphthalate	18.05	149	3740148	38.587	ng	100
75) Fluoranthene	19.09	202	3597090	32.341	ng	98
77) Benzidine	19.27	184	1952469	53.670	ng	100
78) Pyrene	19.45	202	3923328	47.042	ng	99
80) Butylbenzylphthalate	20.33	149	1640527	48.397	ng	99
81) Benzo(a)anthracene	21.15	228	3193948	39.304	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1001510	31.137	ng	99
83) Chrysene	21.20	228	2930708	38.232	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2330694	50.495	ng	100
85) Di-n-octyl phthalate	21.97	149	3433317	45.280	ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	3042408	36.076	ng	98
88) Benzo(b)fluoranthene	22.73	252	2641427	35.546	ng	97
89) Benzo(k)fluoranthene	22.78	252	2541808	36.189	ng	98
90) Benzo(a)pyrene	23.31	252	2390297	35.599	ng	99
91) Dibenzo(a,h)anthracene	25.71	278	2558008	35.638	ng	98
92) Benzo(g,h,i)perylene	26.39	276	2600521	37.467	ng	98

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

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