Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002769.D
Acq On : 16 Jul 2020 13:04
Operator : CG/JU
Sample : PB130217BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB130217BS

Quant Time: Jul 16 14:33:04 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	7.56	152	165763	20.00	ng		0.00
21) Naphthalene-d8	10.33	136	615033	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	315119	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	598259	20.00	ng		0.00
76) Chrysene-d12	21.08	240	467859	20.00	ng		0.00
86) Perylene-d12	23.27	264	471005	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1113413	113.33	ng		0.00
7) Phenol-d6	6.77	99	1387737	98.97	ng		0.01
23) Nitrobenzene-d5	8.71	82	926392	80.56	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	351879	106.98	ng		0.01
45) 2-Fluorobiphenyl	12.83	172	1659813	81.48	ng		0.00
79) Terphenyl-d14	19.56	244	1902661	93.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	172765	40.334	ng		98
3) Pyridine	3.51	79	458981	35.956	ng		100
4) n-Nitrosodimethylamine	3.43	42	220196	45.790	ng		96
6) Aniline	6.89	93	582762	32.830	ng		98
8) 2-Chlorophenol	7.13	128	461110	42.183	ng		97
9) Benzaldehyde	6.70	77	175000	22.972	ng		98
10) Phenol	6.79	94	577109	40.179	ng		99
11) bis(2-Chloroethyl)ether	6.99	93	484809	40.580	ng		98
12) 1,3-Dichlorobenzene	7.45	146	512506	40.888	ng		96
13) 1,4-Dichlorobenzene	7.59	146	508687	40.439	ng		98
14) 1,2-Dichlorobenzene	7.91	146	475484	39.197	ng		98
15) Benzyl Alcohol	7.80	79	386114	41.150	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.10	45	670320	39.013	ng		100
17) 2-Methylphenol	8.02	107	379856	37.121	ng		98
18) Hexachloroethane	8.63	117	196541	44.112	ng		99
19) n-Nitroso-di-n-propylamine	8.37	70	324953	38.056	ng		99
20) 3+4-Methylphenols	8.35	107	485132	35.854	ng		96
22) Acetophenone	8.38	105	612865	40.421	ng	#	97
24) Nitrobenzene	8.75	77	530577	42.603	ng		100
25) Isophorone	9.28	82	934778	39.885	ng		99
26) 2-Nitrophenol	9.46	139	242277	45.041	ng		98
27) 2,4-Dimethylphenol	9.54	122	371615	42.553	ng		100
28) bis(2-Chloroethoxy)methane	9.76	93	598367	42.033	ng		99
29) 2,4-Dichlorophenol	10.00	162	400061	41.552	ng		98
30) 1,2,4-Trichlorobenzene	10.20	180	454265	41.192	ng		99
31) Naphthalene	10.38	128	1290688	39.749	ng		100
32) Benzoic acid	9.72	122	199072	32.192	ng		97
33) 4-Chloroaniline	10.50	127	312015	22.425	ng		98
34) Hexachlorobutadiene	10.68	225	263389	41.322	ng		100
35) Caprolactam	11.27	113	121522	36.099	ng		97
36) 4-Chloro-3-methylphenol	11.66	107	408432	39.355	ng		99
37) 2-Methylnaphthalene	12.01	142	887733	38.743	ng		99
38) 1-Methylnaphthalene	12.23	142	832532	38.414	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	436533	45.076	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	381083	88.015 ng	97
43) 2,4,6-Trichlorophenol	12.64	196	285278	46.021 ng	100
44) 2,4,5-Trichlorophenol	12.72	196	301492	41.934 ng	96
46) 1,1'-Biphenyl	13.04	154	1042244	44.365 ng	100
47) 2-Chloronaphthalene	13.08	162	814406	42.681 ng	98
48) 2-Nitroaniline	13.29	65	265834	45.070 ng	93
49) Acenaphthylene	13.93	152	1257491	41.804 ng	99
50) Dimethylphthalate	13.68	163	953429	39.673 ng	99
51) 2,6-Dinitrotoluene	13.80	165	213141	41.427 ng	97
52) Acenaphthene	14.28	154	731124	40.669 ng	99
53) 3-Nitroaniline	14.13	138	157297	27.326 ng	100
54) 2,4-Dinitrophenol	14.36	184	192934	69.041 ng	98
55) Dibenzofuran	14.62	168	1140881	39.570 ng	96
56) 4-Nitrophenol	14.47	139	303281	66.634 ng	97
57) 2,4-Dinitrotoluene	14.60	165	270606	39.937 ng	93
58) Fluorene	15.27	166	843640	39.544 ng	97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	228509	40.320 ng	100
60) Diethylphthalate	15.06	149	899517	38.605 ng	98
61) 4-Chlorophenyl-phenylether	15.27	204	434851	38.361 ng	98
62) 4-Nitroaniline	15.30	138	196993	32.498 ng	94
63) Azobenzene	15.56	77	983176	41.038 ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	141326	40.452 ng	98
66) n-Nitrosodiphenylamine	15.49	169	767598	43.434 ng	99
67) 4-Bromophenyl-phenylether	16.17	248	271297	41.630 ng	97
68) Hexachlorobenzene	16.29	284	293932	42.809 ng	97
69) Atrazine	16.45	200	231620	48.007 ng	98
70) Pentachlorophenol	16.64	266	256242	77.425 ng	98
71) Phenanthrene	17.02	178	1300663	40.154 ng	99
72) Anthracene	17.11	178	1321281	41.568 ng	100
73) Carbazole	17.39	167	1196478	38.358 ng	99
74) Di-n-butylphthalate	17.96	149	1463061	43.249 ng	100
75) Fluoranthene	19.00	202	1499118	39.941 ng	98
77) Benzidine	19.19	184	525724	45.334 ng	99
78) Pyrene	19.36	202	1499252	46.413 ng	100
80) Butylbenzylphthalate	20.25	149	629608	49.392 ng	99
81) Benzo(a)anthracene	21.07	228	1257752	41.529 ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	435868	43.456 ng	98
83) Chrysene	21.12	228	1204881	41.794 ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	831088	46.877 ng	100
85) Di-n-octyl phthalate	21.87	149	1449432	45.473 ng	99
87) Indeno(1,2,3-cd)pyrene	25.49	276	1673730	49.166 ng	99
88) Benzo(b)fluoranthene	22.62	252	1332788	45.570 ng	100
89) Benzo(k)fluoranthene	22.66	252	1208347	41.945 ng	99
90) Benzo(a)pyrene	23.18	252	1208988	43.622 ng	98
91) Dibenzo(a,h)anthracene	25.50	278	1386393	50.498 ng	99
92) Benzo(g,h,i)perylene	26.16	276	1407343	50.559 ng	100

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

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