Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031820\
Data File : BP002223.D
Acq On : 18 Mar 2020 19:16
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ICVBP031820

Quant Time: Mar 19 13:25:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 19:28:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	168214	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	696426	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	403510	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	851372	20.00	ng	0.00
76) Chrysene-d12	21.14	240	787734	20.00	ng	0.00
87) Perylene-d12	23.36	264	905718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	710845	75.06	ng	0.00
7) Phenol-d6	6.84	99	925883	76.06	ng	0.00
23) Nitrobenzene-d5	8.80	82	783675	75.04	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	375425	78.58	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2101220	75.30	ng	0.00
79) Terphenyl-d14	19.63	244	2839749	78.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	140918	36.728	ng	99
3) Pyridine	3.62	79	360654	33.251	ng	98
4) n-Nitrosodimethylamine	3.54	42	107530	39.084	ng	89
6) Aniline	6.99	93	603768	40.213	ng	99
8) 2-Chlorophenol	7.23	128	448372	39.730	ng	97
9) Benzaldehyde	6.80	77	272836	36.784	ng	100
10) Phenol	6.86	94	494888	39.373	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	403301	37.227	ng	99
12) 1,3-Dichlorobenzene	7.55	146	496656	37.948	ng	97
13) 1,4-Dichlorobenzene	7.69	146	508353	38.571	ng	99
14) 1,2-Dichlorobenzene	8.01	146	484384	37.932	ng	100
15) Benzyl Alcohol	7.89	79	300772	43.392	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	318966	37.841	ng	98
17) 2-Methylphenol	8.10	107	353281	36.259	ng	97
18) Hexachloroethane	8.73	117	177588	38.018	ng	97
19) n-Nitroso-di-n-propylamine	8.46	70	246108	41.026	ng	97
20) 3+4-Methylphenols	8.43	107	478391	36.478	ng	98
22) Acetophenone	8.47	105	655779	41.152	ng	99
24) Nitrobenzene	8.84	77	425256	38.599	ng	99
25) Isophorone	9.37	82	839840	37.553	ng	98
26) 2-Nitrophenol	9.55	139	209310	43.392	ng	97
27) 2,4-Dimethylphenol	9.62	122	404870	42.150	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	544615	40.656	ng	99
29) 2,4-Dichlorophenol	10.08	162	425916	40.234	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	459278	38.184	ng	98
31) Naphthalene	10.48	128	1462821	38.334	ng	100
32) Benzoic acid	9.75	122	218240	42.713	ng	98
33) 4-Chloroaniline	10.59	127	606152	39.196	ng	99
34) Hexachlorobutadiene	10.79	225	261971	37.399	ng	99
35) Caprolactam	11.35	113	119445	46.985	ng	95
36) 4-Chloro-3-methylphenol	11.72	107	422105	39.865	ng	100
37) 2-Methylnaphthalene	12.10	142	1017798	38.638	ng	100
38) 1-Methylnaphthalene	12.32	142	968676	38.625	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	507712	41.256	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	259819	43.845	ng		99
43) 2,4,6-Trichlorophenol	12.72	196	325247	40.376	ng		99
44) 2,4,5-Trichlorophenol	12.79	196	356050	37.567	ng		98
46) 1,1'-Biphenyl	13.13	154	1320574	39.591	ng		99
47) 2-Chloronaphthalene	13.16	162	987371	38.227	ng		98
48) 2-Nitroaniline	13.36	65	156193	40.324	ng		95
49) Acenaphthylene	14.02	152	1669819	39.946	ng		100
50) Dimethylphthalate	13.76	163	1231169	40.261	ng		100
51) 2,6-Dinitrotoluene	13.87	165	246291	42.364	ng		94
52) Acenaphthene	14.36	154	1005523	38.730	ng		99
53) 3-Nitroaniline	14.19	138	270067	41.180	ng		100
54) 2,4-Dinitrophenol	14.40	184	112689	40.923	ng		98
55) Dibenzofuran	14.70	168	1510904	38.875	ng		100
56) 4-Nitrophenol	14.50	139	239566	41.611	ng		98
57) 2,4-Dinitrotoluene	14.66	165	320908	41.457	ng		96
58) Fluorene	15.35	166	1079122	36.528	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	315867	40.765	ng		99
60) Diethylphthalate	15.15	149	1217682	44.785	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	518789	36.746	ng		99
62) 4-Nitroaniline	15.36	138	260156	44.505	ng		95
63) Azobenzene	15.65	77	1067011	37.394	ng		99
65) 4,6-Dinitro-2-methylphenol	15.43	198	157944	44.406	ng		98
66) n-Nitrosodiphenylamine	15.57	169	1022861	40.205	ng		99
67) 4-Bromophenyl-phenylether	16.25	248	356756	37.572	ng		97
68) Hexachlorobenzene	16.36	284	406842	38.648	ng		98
69) Atrazine	16.53	200	310718	46.318	ng		97
70) Pentachlorophenol	16.70	266	261171	40.475	ng		98
71) Phenanthrene	17.09	178	1907459	39.345	ng		99
72) Anthracene	17.18	178	1939203	40.231	ng		99
73) Carbazole	17.45	167	1821096	38.989	ng		99
74) Di-n-butylphthalate	18.04	149	1583710	52.787	ng		98
75) Fluoranthene	19.07	202	2188626	39.917	ng		100
77) Benzidine	19.25	184	377553	52.561	ng		96
78) Pyrene	19.42	202	2316473	42.238	ng		100
80) Butylbenzylphthalate	20.32	149	267232	42.493	ng		96
81) Benzo(a)anthracene	21.13	228	2123965	41.147	ng		100
82) 3,3'-Dichlorobenzidine	21.07	252	543741	50.726	ng		99
83) Chrysene	21.18	228	2099652	41.157	ng		100
84) Bis(2-ethylhexyl)phthalate	21.09	149	451216	43.794	ng		96
85) Di-n-octyl phthalate	21.97	149	799260	46.511	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.61	276	2538845	42.978	ng		99
88) Benzo(b)fluoranthene	22.70	252	2193831	37.962	ng		99
89) Benzo(k)fluoranthene	22.74	252	2212799	38.327	ng		99
90) Benzo(a)pyrene	23.27	252	2138494	39.725	ng		99
91) Dibenzo(a,h)anthracene	25.63	278	2140503	39.526	ng		100
92) Benzo(g,h,i)perylene	26.29	276	2142053	39.879	ng		97

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

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