Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001505.D
Acq On : 03 Jan 2020 13:19
Operator : JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC050

Quant Time: Jan 03 15:03:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 14:53:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	62897	20.00	ng		0.00
21) Naphthalene-d8	10.48	136	229382	20.00	ng		0.00
39) Acenaphthene-d10	14.35	164	148274	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	323584	20.00	ng		0.00
76) Chrysene-d12	21.20	240	310125	20.00	ng		0.00
87) Perylene-d12	23.46	264	369934	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	397204	102.06	ng		0.00
7) Phenol-d6	6.87	99	534469	105.25	ng		0.00
23) Nitrobenzene-d5	8.85	82	507080	84.89	ng		0.00
42) 2,4,6-Tribromophenol	15.84	330	180723	97.49	ng		0.00
45) 2-Fluorobiphenyl	12.97	172	1069156	91.18	ng		0.00
79) Terphenyl-d14	19.69	244	1614060	89.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	84142	52.537	ng	#	68
3) Pyridine	3.66	79	254825	58.244	ng		97
4) n-Nitrosodimethylamine	3.58	42	107028	38.634	ng	#	99
6) Aniline	7.03	93	343871	53.793	ng		98
8) 2-Chlorophenol	7.27	128	206054	52.666	ng		99
9) Benzaldehyde	6.85	77	132378	37.161	ng		96
10) Phenol	6.90	94	282141	48.626	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	222065	54.099	ng		100
12) 1,3-Dichlorobenzene	7.59	146	253270	51.971	ng		98
13) 1,4-Dichlorobenzene	7.73	146	255033	51.366	ng		99
14) 1,2-Dichlorobenzene	8.05	146	242262	51.218	ng		99
15) Benzyl Alcohol	7.93	79	215317	45.188	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	307251	47.262	ng		98
17) 2-Methylphenol	8.14	107	184024	53.228	ng		97
18) Hexachloroethane	8.78	117	96642	45.756	ng		99
19) n-Nitroso-di-n-propylamine	8.51	70	172579	47.872	ng		97
20) 3+4-Methylphenols	8.47	107	250166	54.528	ng		97
22) Acetophenone	8.52	105	345871	47.682	ng		99
24) Nitrobenzene	8.89	77	261072	44.407	ng		98
25) Isophorone	9.42	82	477375	49.702	ng		99
26) 2-Nitrophenol	9.59	139	93766	44.727	ng		98
27) 2,4-Dimethylphenol	9.67	122	166316	53.940	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	298555	52.045	ng		99
29) 2,4-Dichlorophenol	10.13	162	205876	53.925	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	242427	51.623	ng		98
31) Naphthalene	10.53	128	645439	51.548	ng		99
32) Benzoic acid	9.80	122	109944	47.022	ng		94
33) 4-Chloroaniline	10.63	127	281586	54.990	ng		99
34) Hexachlorobutadiene	10.83	225	159816	48.792	ng		99
35) Caprolactam	11.40	113	68241	60.069	ng		98
36) 4-Chloro-3-methylphenol	11.77	107	223826	50.168	ng		99
37) 2-Methylnaphthalene	12.15	142	461663	53.407	ng		99
38) 1-Methylnaphthalene	12.37	142	435276	53.560	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	264426	48.231	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	136956	50.508 ng	99
43) 2,4,6-Trichlorophenol	12.76	196	165857	49.191 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	175343	50.615 ng	98
46) 1,1'-Biphenyl	13.17	154	598403	48.227 ng	100
47) 2-Chloronaphthalene	13.21	162	488360	48.686 ng	98
48) 2-Nitroaniline	13.41	65	150171	37.387 ng	96
49) Acenaphthylene	14.06	152	744295	50.759 ng	98
50) Dimethylphthalate	13.82	163	616819	50.707 ng	99
51) 2,6-Dinitrotoluene	13.92	165	126156	51.076 ng	99
52) Acenaphthene	14.41	154	475397	53.810 ng	98
53) 3-Nitroaniline	14.24	138	141065	53.210 ng	98
54) 2,4-Dinitrophenol	14.45	184	45832	48.054 ng	97
55) Dibenzofuran	14.75	168	711007	51.364 ng	98
56) 4-Nitrophenol	14.55	139	106486	56.173 ng	98
57) 2,4-Dinitrotoluene	14.70	165	171671	50.006 ng	99
58) Fluorene	15.40	166	539185	48.700 ng	96
59) 2,3,4,6-Tetrachlorophenol	14.97	232	150978	50.762 ng	99
60) Diethylphthalate	15.20	149	617874	49.247 ng	98
61) 4-Chlorophenyl-phenylether	15.40	204	289252	49.699 ng	96
62) 4-Nitroaniline	15.41	138	140714	45.835 ng	94
63) Azobenzene	15.70	77	601715	45.555 ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	64392	44.433 ng	97
66) n-Nitrosodiphenylamine	15.62	169	500767	48.815 ng	99
67) 4-Bromophenyl-phenylether	16.30	248	190652	49.834 ng	97
68) Hexachlorobenzene	16.41	284	213317	48.978 ng	97
69) Atrazine	16.58	200	172123	46.711 ng	99
70) Pentachlorophenol	16.75	266	113652	50.885 ng	96
71) Phenanthrene	17.14	178	938469	50.834 ng	99
72) Anthracene	17.24	178	928549	50.808 ng	98
73) Carbazole	17.50	167	859865	52.773 ng	100
74) Di-n-butylphthalate	18.10	149	1081862	48.384 ng	100
75) Fluoranthene	19.13	202	1145853	55.508 ng	99
77) Benzidine	19.30	184	338217	37.458 ng	99
78) Pyrene	19.47	202	1172407	48.690 ng	99
80) Butylbenzylphthalate	20.38	149	516586	46.017 ng	98
81) Benzo(a)anthracene	21.19	228	1158496	51.265 ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	414014	52.760 ng	96
83) Chrysene	21.24	228	1101175	50.484 ng	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	747224	45.361 ng	100
85) Di-n-octyl phthalate	22.04	149	1325372	48.544 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1388238	58.930 ng	99
88) Benzo(b)fluoranthene	22.79	252	1195565	49.211 ng	99
89) Benzo(k)fluoranthene	22.83	252	1186125	51.253 ng	99
90) Benzo(a)pyrene	23.37	252	1139099	51.469 ng	99
91) Dibenzo(a,h)anthracene	25.79	278	1141632	52.758 ng	99
92) Benzo(g,h,i)perylene	26.46	276	1149819	55.607 ng	99

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

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