Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002388.D
Acq On : 10 Jun 2020 22:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 11 02:54:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	219233	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	909489	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	547774	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	1156054	20.00	ng		0.00
76) Chrysene-d12	21.10	240	1013022	20.00	ng		0.00
86) Perylene-d12	23.30	264	1138588	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	898188	75.81	ng		0.00
7) Phenol-d6	6.78	99	1209739	76.69	ng		0.00
23) Nitrobenzene-d5	8.73	82	1194453	78.43	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	388035	73.99	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	2374368	72.88	ng		0.00
79) Terphenyl-d14	19.59	244	3179553	78.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	218551	40.046	ng		99
3) Pyridine	3.55	79	629068	42.410	ng		98
4) n-Nitrosodimethylamine	3.46	42	243364	39.813	ng		95
6) Aniline	6.92	93	829186	38.652	ng		99
8) 2-Chlorophenol	7.16	128	504628	37.880	ng		100
9) Benzaldehyde	6.73	77	335849	40.367	ng		98
10) Phenol	6.80	94	666490	38.957	ng		99
11) bis(2-Chloroethyl)ether	7.03	93	545964	38.223	ng		97
12) 1,3-Dichlorobenzene	7.48	146	562228	36.651	ng		97
13) 1,4-Dichlorobenzene	7.63	146	576621	37.362	ng		100
14) 1,2-Dichlorobenzene	7.94	146	550322	37.224	ng		100
15) Benzyl Alcohol	7.83	79	476259	38.955	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	779015	38.438	ng		98
17) 2-Methylphenol	8.04	107	485110	38.805	ng		99
18) Hexachloroethane	8.66	117	214770	38.198	ng		97
19) n-Nitroso-di-n-propylamine	8.40	70	418134	39.657	ng		99
20) 3+4-Methylphenols	8.37	107	658224	39.014	ng		96
22) Acetophenone	8.40	105	795949	38.954	ng	#	98
24) Nitrobenzene	8.77	77	644731	39.383	ng		99
25) Isophorone	9.30	82	1211073	39.045	ng		100
26) 2-Nitrophenol	9.48	139	278410	38.165	ng		96
27) 2,4-Dimethylphenol	9.56	122	438994	38.360	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	715967	38.753	ng		99
29) 2,4-Dichlorophenol	10.02	162	487184	37.818	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	527913	36.763	ng		99
31) Naphthalene	10.41	128	1589874	37.628	ng		100
32) Benzoic acid	9.71	122	333202	36.531	ng		96
33) 4-Chloroaniline	10.52	127	702153	38.066	ng		98
34) Hexachlorobutadiene	10.72	225	306402	36.564	ng		96
35) Caprolactam	11.29	113	171536	37.753	ng		97
36) 4-Chloro-3-methylphenol	11.67	107	534893	38.374	ng		98
37) 2-Methylnaphthalene	12.03	142	1114483	37.162	ng		99
38) 1-Methylnaphthalene	12.26	142	1065023	37.836	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	537751	37.241	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	286895	37.372 ng	97
43) 2,4,6-Trichlorophenol	12.66	196	389511	38.116 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	438179	37.029 ng	99
46) 1,1'-Biphenyl	13.07	154	1345835	37.488 ng	98
47) 2-Chloronaphthalene	13.10	162	1102771	37.553 ng	100
48) 2-Nitroaniline	13.30	65	373312	39.823 ng	96
49) Acenaphthylene	13.96	152	1735793	37.034 ng	99
50) Dimethylphthalate	13.70	163	1388540	36.995 ng	100
51) 2,6-Dinitrotoluene	13.82	165	305556	37.486 ng	96
52) Acenaphthene	14.30	154	1030294	37.524 ng	99
53) 3-Nitroaniline	14.14	138	350286	37.635 ng	96
54) 2,4-Dinitrophenol	14.35	184	165059	35.941 ng	97
55) Dibenzofuran	14.64	168	1633843	36.959 ng	99
56) 4-Nitrophenol	14.47	139	271632	36.757 ng	98
57) 2,4-Dinitrotoluene	14.61	165	419262	37.788 ng	98
58) Fluorene	15.29	166	1196190	34.402 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	349135	37.168 ng	99
60) Diethylphthalate	15.09	149	1375194	36.567 ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	626935	35.164 ng	99
62) 4-Nitroaniline	15.32	138	333399	37.280 ng	98
63) Azobenzene	15.59	77	1451293	38.768 ng	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	232624	38.133 ng	97
66) n-Nitrosodiphenylamine	15.52	169	1132432	38.346 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	418824	38.244 ng	97
68) Hexachlorobenzene	16.31	284	434589	37.397 ng	98
69) Atrazine	16.47	200	351058	36.440 ng	97
70) Pentachlorophenol	16.65	266	264531	38.048 ng	99
71) Phenanthrene	17.04	178	2027969	37.501 ng	99
72) Anthracene	17.13	178	2027885	37.749 ng	100
73) Carbazole	17.40	167	1969473	37.267 ng	99
74) Di-n-butylphthalate	17.99	149	2342849	37.461 ng	100
75) Fluoranthene	19.02	202	2371489	36.738 ng	99
77) Benzidine	19.20	184	806602	35.634 ng	99
78) Pyrene	19.37	202	2434142	39.228 ng	99
80) Butylbenzylphthalate	20.27	149	1058497	38.374 ng	97
81) Benzo(a)anthracene	21.09	228	2202476	38.090 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	820670	38.190 ng	98
83) Chrysene	21.14	228	2157290	39.379 ng	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	1544160	38.485 ng	99
85) Di-n-octyl phthalate	21.91	149	2716582	38.601 ng	100
87) Indeno(1,2,3-cd)pyrene	25.52	276	2673307	37.538 ng	100
88) Benzo(b)fluoranthene	22.64	252	2178015	35.472 ng	97
89) Benzo(k)fluoranthene	22.69	252	2309355	39.585 ng	99
90) Benzo(a)pyrene	23.20	252	2148527	37.340 ng	96
91) Dibenzo(a,h)anthracene	25.53	278	2183424	38.222 ng	98
92) Benzo(g,h,i)perylene	26.19	276	2199071	37.169 ng	99

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

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