Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
Data File : BP002648.D
Acq On : 07 Jul 2020 08:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 07 12:59:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	260389	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	953797	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	553631	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	1155298	20.00	ng		0.00
76) Chrysene-d12	21.09	240	1095361	20.00	ng		0.00
86) Perylene-d12	23.29	264	1237014	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1193884	77.63	ng		0.00
7) Phenol-d6	6.76	99	1644572	76.61	ng		0.00
23) Nitrobenzene-d5	8.72	82	1432061	77.36	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	475581	70.63	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	2715487	72.19	ng		0.00
79) Terphenyl-d14	19.57	244	3543448	69.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	251187	38.108	ng		99
3) Pyridine	3.52	79	749811	38.381	ng		99
4) n-Nitrosodimethylamine	3.45	42	306239	36.929	ng		87
6) Aniline	6.90	93	1044944	38.750	ng		98
8) 2-Chlorophenol	7.14	128	651378	38.129	ng		98
9) Benzaldehyde	6.72	77	453647	40.682	ng		97
10) Phenol	6.79	94	846413	39.101	ng		93
11) bis(2-Chloroethyl)ether	7.00	93	701751	39.498	ng		99
12) 1,3-Dichlorobenzene	7.46	146	757839	38.443	ng		99
13) 1,4-Dichlorobenzene	7.60	146	758018	37.743	ng		99
14) 1,2-Dichlorobenzene	7.92	146	716255	37.050	ng		98
15) Benzyl Alcohol	7.81	79	576167	35.722	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	986118	39.837	ng		99
17) 2-Methylphenol	8.02	107	600474	37.060	ng		97
18) Hexachloroethane	8.63	117	276815	38.189	ng		97
19) n-Nitroso-di-n-propylamine	8.38	70	489048	34.724	ng		97
20) 3+4-Methylphenols	8.35	107	791797	36.247	ng		98
22) Acetophenone	8.39	105	917097	37.989	ng	#	97
24) Nitrobenzene	8.76	77	771974	39.399	ng		100
25) Isophorone	9.28	82	1393275	37.553	ng		99
26) 2-Nitrophenol	9.46	139	350933	39.272	ng		97
27) 2,4-Dimethylphenol	9.54	122	530926	39.210	ng		97
28) bis(2-Chloroethoxy)methane	9.77	93	847161	39.750	ng		99
29) 2,4-Dichlorophenol	10.00	162	603323	38.661	ng		98
30) 1,2,4-Trichlorobenzene	10.21	180	684560	38.965	ng		98
31) Naphthalene	10.39	128	1928071	38.186	ng		100
32) Benzoic acid	9.71	122	296089	31.494	ng		98
33) 4-Chloroaniline	10.50	127	835387	37.825	ng		99
34) Hexachlorobutadiene	10.69	225	411158	38.235	ng		97
35) Caprolactam	11.27	113	193376	36.863	ng		97
36) 4-Chloro-3-methylphenol	11.65	107	617287	36.090	ng		100
37) 2-Methylnaphthalene	12.02	142	1349065	36.644	ng		99
38) 1-Methylnaphthalene	12.23	142	1262399	36.409	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	688901	39.850	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	355815	41.651 ng	97
43) 2,4,6-Trichlorophenol	12.65	196	460762	39.391 ng	97
44) 2,4,5-Trichlorophenol	12.72	196	520962	38.690 ng	98
46) 1,1'-Biphenyl	13.05	154	1595377	38.096 ng	99
47) 2-Chloronaphthalene	13.08	162	1300536	38.150 ng	96
48) 2-Nitroaniline	13.29	65	425186	39.096 ng	94
49) Acenaphthylene	13.94	152	2044905	38.115 ng	99
50) Dimethylphthalate	13.69	163	1599096	36.775 ng	100
51) 2,6-Dinitrotoluene	13.80	165	359707	38.303 ng	99
52) Acenaphthene	14.29	154	1200307	37.920 ng	99
53) 3-Nitroaniline	14.13	138	405590	39.664 ng	99
54) 2,4-Dinitrophenol	14.35	184	179329	34.341 ng	95
55) Dibenzofuran	14.62	168	1921370	37.456 ng	99
56) 4-Nitrophenol	14.47	139	285708	36.752 ng	92
57) 2,4-Dinitrotoluene	14.60	165	487958	38.625 ng	98
58) Fluorene	15.27	166	1389352	35.563 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	409540	37.651 ng	97
60) Diethylphthalate	15.07	149	1553659	35.932 ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	748794	35.740 ng	94
62) 4-Nitroaniline	15.30	138	403758	39.506 ng	90
63) Azobenzene	15.57	77	1609899	38.506 ng	96
65) 4,6-Dinitro-2-methylphenol	15.37	198	276903	37.846 ng	97
66) n-Nitrosodiphenylamine	15.50	169	1309837	38.838 ng	99
67) 4-Bromophenyl-phenylether	16.17	248	511117	39.369 ng	96
68) Hexachlorobenzene	16.29	284	526182	37.832 ng	97
69) Atrazine	16.46	200	408342	37.733 ng	99
70) Pentachlorophenol	16.64	266	283470	37.138 ng	98
71) Phenanthrene	17.02	178	2382400	38.327 ng	99
72) Anthracene	17.12	178	2377168	38.431 ng	99
73) Carbazole	17.39	167	2323386	38.866 ng	100
74) Di-n-butylphthalate	17.97	149	2698865	38.335 ng	99
75) Fluoranthene	19.01	202	2860119	38.013 ng	98
77) Benzidine	19.19	184	1269078	39.047 ng	100
78) Pyrene	19.36	202	2946503	39.520 ng	100
80) Butylbenzylphthalate	20.25	149	1294434	39.768 ng	97
81) Benzo(a)anthracene	21.07	228	2828989	39.505 ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	1051323	40.100 ng	97
83) Chrysene	21.13	228	2611985	38.037 ng	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	1787004	38.233 ng	98
85) Di-n-octyl phthalate	21.89	149	3323210	40.255 ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	3619341	40.636 ng	98
88) Benzo(b)fluoranthene	22.63	252	3034903	38.449 ng	98
89) Benzo(k)fluoranthene	22.67	252	2996329	40.691 ng	98
90) Benzo(a)pyrene	23.19	252	2918586	40.293 ng	99
91) Dibenzo(a,h)anthracene	25.52	278	2895453	39.784 ng	98
92) Benzo(g,h,i)perylene	26.18	276	3045518	41.841 ng	98

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

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