Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
Data File : BP002837.D
Acq On : 23 Jul 2020 13:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 23 15:17:58 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	7.55	152	160871	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	581212	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	317907	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	611041	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	452117	20.00	ng	0.00
86) Perylene-d12	23.26	264	463876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	763058	80.03	ng	-0.01
7) Phenol-d6	6.75	99	1014596	74.56	ng	0.00
23) Nitrobenzene-d5	8.69	82	906085	83.38	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	256913	77.42	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1644708	80.03	ng	-0.01
79) Terphenyl-d14	19.55	244	1756689	89.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	181753	43.722	ng	99
3) Pyridine	3.50	79	497618	40.168	ng	99
4) n-Nitrosodimethylamine	3.42	42	198943	42.628	ng	97
6) Aniline	6.88	93	639467	37.120	ng	99
8) 2-Chlorophenol	7.12	128	396979	37.421	ng	99
9) Benzaldehyde	6.69	77	286691	38.777	ng	98
10) Phenol	6.78	94	522507	37.483	ng	98
11) bis(2-Chloroethyl)ether	6.98	93	434267	37.455	ng	98
12) 1,3-Dichlorobenzene	7.43	146	468163	38.486	ng	97
13) 1,4-Dichlorobenzene	7.58	146	469869	38.489	ng	98
14) 1,2-Dichlorobenzene	7.89	146	436144	37.047	ng	99
15) Benzyl Alcohol	7.79	79	368977	40.519	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.08	45	622565	37.336	ng	99
17) 2-Methylphenol	8.01	107	369850	37.242	ng	97
18) Hexachloroethane	8.60	117	177676	41.091	ng	98
19) n-Nitroso-di-n-propylamine	8.35	70	298172	35.982	ng	99
20) 3+4-Methylphenols	8.34	107	479665	36.528	ng	95
22) Acetophenone	8.36	105	553416	38.624	ng	98
24) Nitrobenzene	8.73	77	493012	41.890	ng	98
25) Isophorone	9.26	82	875558	39.532	ng	99
26) 2-Nitrophenol	9.44	139	222051	43.683	ng	97
27) 2,4-Dimethylphenol	9.52	122	328868	39.850	ng	98
28) bis(2-Chloroethoxy)methane	9.75	93	535436	39.801	ng	100
29) 2,4-Dichlorophenol	9.99	162	373789	41.082	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	420367	40.336	ng	100
31) Naphthalene	10.36	128	1189885	38.777	ng	100
32) Benzoic acid	9.73	122	166037	29.241	ng	96
33) 4-Chloroaniline	10.49	127	512861	39.004	ng	99
34) Hexachlorobutadiene	10.66	225	251729	41.791	ng	98
35) Caprolactam	11.27	113	114940	36.130	ng	98
36) 4-Chloro-3-methylphenol	11.65	107	378713	38.615	ng	99
37) 2-Methylnaphthalene	11.99	142	817845	37.770	ng	99
38) 1-Methylnaphthalene	12.21	142	761139	37.164	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	412569	42.228	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	196753	48.673	ng	99
43) 2,4,6-Trichlorophenol	12.63	196	262543	41.982	ng	99
44) 2,4,5-Trichlorophenol	12.71	196	292863	40.376	ng	97
46) 1,1'-Biphenyl	13.02	154	958625	40.448	ng	99
47) 2-Chloronaphthalene	13.06	162	777158	40.371	ng	98
48) 2-Nitroaniline	13.27	65	264098	44.383	ng	94
49) Acenaphthylene	13.92	152	1189809	39.207	ng	99
50) Dimethylphthalate	13.67	163	926389	38.210	ng	99
51) 2,6-Dinitrotoluene	13.79	165	206573	39.798	ng	98
52) Acenaphthene	14.26	154	705847	38.919	ng	98
53) 3-Nitroaniline	14.12	138	233453	40.200	ng	99
54) 2,4-Dinitrophenol	14.35	184	120858	47.181	ng	95
55) Dibenzofuran	14.60	168	1104411	37.969	ng	98
56) 4-Nitrophenol	14.47	139	168497	38.930	ng	96
57) 2,4-Dinitrotoluene	14.59	165	263123	38.492	ng	90
58) Fluorene	15.26	166	782684	36.365	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	212074	37.092	ng	99
60) Diethylphthalate	15.05	149	879791	37.427	ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	424033	37.079	ng	99
62) 4-Nitroaniline	15.29	138	224957	36.600	ng	95
63) Azobenzene	15.55	77	946653	39.167	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	141973	39.873	ng	98
66) n-Nitrosodiphenylamine	15.47	169	738502	40.913	ng	99
67) 4-Bromophenyl-phenylether	16.15	248	282995	42.517	ng	97
68) Hexachlorobenzene	16.27	284	281176	40.094	ng	95
69) Atrazine	16.44	200	174524	35.416	ng	99
70) Pentachlorophenol	16.63	266	112805	37.606	ng	97
71) Phenanthrene	17.00	178	1282867	38.776	ng	99
72) Anthracene	17.09	178	1299995	40.043	ng	98
73) Carbazole	17.37	167	1201350	37.709	ng	98
74) Di-n-butylphthalate	17.95	149	1418855	41.065	ng	99
75) Fluoranthene	18.99	202	1419938	37.040	ng	98
77) Benzidine	19.17	184	485928	43.361	ng	99
78) Pyrene	19.34	202	1432853	45.902	ng	100
80) Butylbenzylphthalate	20.23	149	606772	49.258	ng	98
81) Benzo(a)anthracene	21.06	228	1178189	40.257	ng	100
82) 3,3'-Dichlorobenzidine	20.99	252	427934	44.151	ng	98
83) Chrysene	21.11	228	1105869	39.696	ng	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	758552	44.275	ng	99
85) Di-n-octyl phthalate	21.86	149	1360300	44.163	ng	99
87) Indeno(1,2,3-cd)pyrene	25.47	276	1458808	43.511	ng	99
88) Benzo(b)fluoranthene	22.60	252	1198062	41.593	ng	99
89) Benzo(k)fluoranthene	22.65	252	1133805	39.962	ng	99
90) Benzo(a)pyrene	23.17	252	1123111	41.146	ng	99
91) Dibenzo(a,h)anthracene	25.47	278	1179961	43.640	ng	100
92) Benzo(g,h,i)perylene	26.14	276	1211936	44.208	ng	100

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

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