Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062220\
Data File : BP002474.D
Acq On : 22 Jun 2020 09:58
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 22 14:31:06 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	244530	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	1000935	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	669353	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	1502884	20.00	ng		0.00
76) Chrysene-d12	21.11	240	1407465	20.00	ng		0.00
86) Perylene-d12	23.31	264	1650460	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1072339	81.15	ng		0.00
7) Phenol-d6	6.79	99	1426430	81.07	ng		0.00
23) Nitrobenzene-d5	8.74	82	1408698	84.05	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	577840	90.17	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	2727932	68.53	ng		0.00
79) Terphenyl-d14	19.59	244	4530765	81.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	255629	41.994	ng		99
3) Pyridine	3.54	79	725326	43.840	ng		97
4) n-Nitrosodimethylamine	3.46	42	307154	45.050	ng		94
6) Aniline	6.92	93	973730	40.694	ng		99
8) 2-Chlorophenol	7.16	128	589986	39.706	ng		98
9) Benzaldehyde	6.73	77	412358	46.380	ng		97
10) Phenol	6.81	94	784671	41.120	ng		98
11) bis(2-Chloroethyl)ether	7.03	93	630074	39.548	ng		97
12) 1,3-Dichlorobenzene	7.48	146	668728	39.084	ng		97
13) 1,4-Dichlorobenzene	7.63	146	667806	38.793	ng		98
14) 1,2-Dichlorobenzene	7.94	146	644868	39.106	ng		97
15) Benzyl Alcohol	7.83	79	578557	42.426	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	896336	39.651	ng		99
17) 2-Methylphenol	8.05	107	568169	40.748	ng		99
18) Hexachloroethane	8.66	117	249984	39.862	ng		97
19) n-Nitroso-di-n-propylamine	8.40	70	478529	40.690	ng		98
20) 3+4-Methylphenols	8.38	107	766191	40.715	ng		93
22) Acetophenone	8.40	105	905698	40.276	ng	#	97
24) Nitrobenzene	8.78	77	750356	41.647	ng		98
25) Isophorone	9.30	82	1434790	42.031	ng		99
26) 2-Nitrophenol	9.49	139	344789	42.946	ng		98
27) 2,4-Dimethylphenol	9.56	122	511965	40.649	ng		95
28) bis(2-Chloroethoxy)methane	9.79	93	813784	40.023	ng		99
29) 2,4-Dichlorophenol	10.02	162	579963	40.907	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	627463	39.704	ng		98
31) Naphthalene	10.41	128	1856685	39.928	ng		100
32) Benzoic acid	9.74	122	414252	40.672	ng		96
33) 4-Chloroaniline	10.52	127	826199	40.699	ng		98
34) Hexachlorobutadiene	10.72	225	367633	39.863	ng		98
35) Caprolactam	11.31	113	216442	43.284	ng		96
36) 4-Chloro-3-methylphenol	11.67	107	645234	42.061	ng		97
37) 2-Methylnaphthalene	12.03	142	1311138	39.725	ng		98
38) 1-Methylnaphthalene	12.26	142	1240470	40.042	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	651966	36.950	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	334645	35.674	ng		98
43) 2,4,6-Trichlorophenol	12.66	196	466783	37.381	ng		99
44) 2,4,5-Trichlorophenol	12.74	196	545131	37.700	ng		97
46) 1,1'-Biphenyl	13.07	154	1704506	38.855	ng		99
47) 2-Chloronaphthalene	13.10	162	1377138	38.378	ng		99
48) 2-Nitroaniline	13.31	65	482273	42.102	ng		97
49) Acenaphthylene	13.96	152	2207944	38.551	ng		99
50) Dimethylphthalate	13.71	163	1798270	39.209	ng		99
51) 2,6-Dinitrotoluene	13.82	165	411330	41.297	ng		99
52) Acenaphthene	14.30	154	1303713	38.857	ng		98
53) 3-Nitroaniline	14.15	138	462077	40.628	ng		99
54) 2,4-Dinitrophenol	14.36	184	223301	39.493	ng		97
55) Dibenzofuran	14.65	168	2037605	37.721	ng		99
56) 4-Nitrophenol	14.48	139	357571	39.597	ng		94
57) 2,4-Dinitrotoluene	14.62	165	560941	41.374	ng		97
58) Fluorene	15.30	166	1506727	35.462	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.88	232	481985	41.991	ng		96
60) Diethylphthalate	15.09	149	1767411	38.460	ng		98
61) 4-Chlorophenyl-phenylether	15.30	204	800427	37.158	ng		98
62) 4-Nitroaniline	15.32	138	446428	40.852	ng		94
63) Azobenzene	15.59	77	1750146	38.260	ng		98
65) 4,6-Dinitro-2-methylphenol	15.39	198	317011	39.973	ng		98
66) n-Nitrosodiphenylamine	15.52	169	1453295	37.854	ng		99
67) 4-Bromophenyl-phenylether	16.19	248	589454	41.403	ng		97
68) Hexachlorobenzene	16.32	284	634503	41.999	ng		98
69) Atrazine	16.48	200	483250	38.585	ng		98
70) Pentachlorophenol	16.66	266	382033	42.267	ng		97
71) Phenanthrene	17.04	178	2692268	38.296	ng		100
72) Anthracene	17.13	178	2692443	38.553	ng		100
73) Carbazole	17.40	167	2681065	39.024	ng		99
74) Di-n-butylphthalate	17.99	149	3096930	38.091	ng		100
75) Fluoranthene	19.03	202	3387012	40.362	ng		99
77) Benzidine	19.20	184	1204151	38.288	ng		99
78) Pyrene	19.38	202	3466059	40.204	ng		100
80) Butylbenzylphthalate	20.27	149	1479368	38.602	ng		99
81) Benzo(a)anthracene	21.09	228	3214725	40.015	ng		99
82) 3,3'-Dichlorobenzidine	21.03	252	1245703	41.723	ng		98
83) Chrysene	21.14	228	2956678	38.845	ng		99
84) Bis(2-ethylhexyl)phthalate	21.04	149	2005865	35.982	ng	#	99
85) Di-n-octyl phthalate	21.91	149	3552180	36.329	ng		100
87) Indeno(1,2,3-cd)pyrene	25.54	276	4145674	40.159	ng		95
88) Benzo(b)fluoranthene	22.65	252	3438725	38.635	ng		98
89) Benzo(k)fluoranthene	22.70	252	3131430	37.029	ng		99
90) Benzo(a)pyrene	23.22	252	3274776	39.262	ng		98
91) Dibenzo(a,h)anthracene	25.55	278	3302346	39.880	ng		97
92) Benzo(g,h,i)perylene	26.22	276	3499443	40.803	ng		95

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

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