Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002698.D
Acq On : 09 Jul 2020 15:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 09 17:07:38 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	294901	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	1146509	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	697572	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	1466051	20.00	ng		0.00
76) Chrysene-d12	21.09	240	1289783	20.00	ng		0.00
86) Perylene-d12	23.28	264	1429100	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1360794	78.13	ng		0.00
7) Phenol-d6	6.77	99	1919770	78.97	ng		0.00
23) Nitrobenzene-d5	8.72	82	1699330	76.37	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	583396	68.76	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	3208043	67.69	ng		0.00
79) Terphenyl-d14	19.57	244	3983874	66.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	287090	38.457	ng		99
3) Pyridine	3.52	79	881074	39.822	ng		99
4) n-Nitrosodimethylamine	3.44	42	336899	35.872	ng		84
6) Aniline	6.90	93	1221993	40.013	ng		98
8) 2-Chlorophenol	7.15	128	752740	38.905	ng		100
9) Benzaldehyde	6.71	77	535235	42.958	ng		98
10) Phenol	6.80	94	995667	40.613	ng		92
11) bis(2-Chloroethyl)ether	7.00	93	819033	40.704	ng		99
12) 1,3-Dichlorobenzene	7.46	146	849877	38.066	ng		99
13) 1,4-Dichlorobenzene	7.60	146	856930	37.675	ng		100
14) 1,2-Dichlorobenzene	7.92	146	807863	36.898	ng		100
15) Benzyl Alcohol	7.81	79	689760	37.760	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1150161	41.026	ng		99
17) 2-Methylphenol	8.03	107	706757	38.515	ng		98
18) Hexachloroethane	8.63	117	313437	38.181	ng		98
19) n-Nitroso-di-n-propylamine	8.38	70	572852	35.914	ng		98
20) 3+4-Methylphenols	8.36	107	934840	37.787	ng		98
22) Acetophenone	8.39	105	1078932	37.180	ng	#	96
24) Nitrobenzene	8.76	77	920359	39.077	ng		99
25) Isophorone	9.28	82	1742927	39.081	ng		99
26) 2-Nitrophenol	9.46	139	432259	40.242	ng		94
27) 2,4-Dimethylphenol	9.55	122	649375	39.897	ng		96
28) bis(2-Chloroethoxy)methane	9.77	93	1040590	40.619	ng		99
29) 2,4-Dichlorophenol	10.00	162	732863	39.069	ng		99
30) 1,2,4-Trichlorobenzene	10.21	180	805167	38.127	ng		98
31) Naphthalene	10.39	128	2304515	37.970	ng		99
32) Benzoic acid	9.73	122	470562	38.837	ng		98
33) 4-Chloroaniline	10.50	127	1029278	38.770	ng		98
34) Hexachlorobutadiene	10.69	225	470534	36.402	ng		98
35) Caprolactam	11.29	113	258495	40.994	ng		97
36) 4-Chloro-3-methylphenol	11.66	107	777539	37.819	ng		98
37) 2-Methylnaphthalene	12.01	142	1618637	36.576	ng		99
38) 1-Methylnaphthalene	12.23	142	1536309	36.861	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	829410	38.078	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	395777	37.283	ng	98
43) 2,4,6-Trichlorophenol	12.65	196	574496	38.980	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	653731	38.532	ng	98
46) 1,1'-Biphenyl	13.05	154	1949940	36.954	ng	98
47) 2-Chloronaphthalene	13.08	162	1590621	37.032	ng	98
48) 2-Nitroaniline	13.29	65	554165	40.442	ng	98
49) Acenaphthylene	13.93	152	2522808	37.320	ng	98
50) Dimethylphthalate	13.69	163	1995096	36.414	ng	100
51) 2,6-Dinitrotoluene	13.80	165	464957	39.294	ng	93
52) Acenaphthene	14.28	154	1491702	37.401	ng	98
53) 3-Nitroaniline	14.13	138	522518	40.555	ng	99
54) 2,4-Dinitrophenol	14.35	184	220482	33.654	ng	90
55) Dibenzofuran	14.62	168	2340127	36.206	ng	99
56) 4-Nitrophenol	14.48	139	377695	38.440	ng	90
57) 2,4-Dinitrotoluene	14.60	165	619082	38.893	ng	97
58) Fluorene	15.27	166	1647458	33.468	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	525051	38.310	ng	96
60) Diethylphthalate	15.06	149	1947548	35.747	ng	99
61) 4-Chlorophenyl-phenylether	15.27	204	890527	33.734	ng	96
62) 4-Nitroaniline	15.31	138	530365	41.186	ng	89
63) Azobenzene	15.57	77	2011960	38.193	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	350131	37.721	ng	97
66) n-Nitrosodiphenylamine	15.50	169	1631940	38.132	ng	99
67) 4-Bromophenyl-phenylether	16.17	248	634901	38.538	ng	96
68) Hexachlorobenzene	16.29	284	654620	37.090	ng	98
69) Atrazine	16.46	200	491529	35.793	ng	98
70) Pentachlorophenol	16.65	266	419113	42.831	ng	97
71) Phenanthrene	17.02	178	2902661	36.799	ng	98
72) Anthracene	17.11	178	2946894	37.543	ng	98
73) Carbazole	17.39	167	2911124	38.375	ng	99
74) Di-n-butylphthalate	17.96	149	3372029	37.744	ng	99
75) Fluoranthene	19.01	202	3477714	36.424	ng	97
77) Benzidine	19.19	184	1131204	27.210	ng	99
78) Pyrene	19.36	202	3578679	40.763	ng	99
80) Butylbenzylphthalate	20.25	149	1584814	41.350	ng	99
81) Benzo(a)anthracene	21.07	228	3209314	38.060	ng	98
82) 3,3'-Dichlorobenzidine	21.01	252	1171844	37.960	ng	96
83) Chrysene	21.13	228	3083823	38.139	ng	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	2039174	37.052	ng	98
85) Di-n-octyl phthalate	21.89	149	3860673	39.716	ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	4047985	39.340	ng	97
88) Benzo(b)fluoranthene	22.63	252	3498761	38.368	ng	98
89) Benzo(k)fluoranthene	22.67	252	3318742	39.012	ng	98
90) Benzo(a)pyrene	23.19	252	3355051	40.093	ng	98
91) Dibenzo(a,h)anthracene	25.52	278	3261117	38.785	ng	98
92) Benzo(g,h,i)perylene	26.18	276	3384132	40.244	ng	97

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

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