Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
Data File : BP002435.D
Acq On : 18 Jun 2020 08:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 18 11:15:22 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	174538	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	734154	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	450721	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	958134	20.00	ng		0.00
76) Chrysene-d12	21.10	240	898296	20.00	ng		-0.01
86) Perylene-d12	23.30	264	985704	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	780216	82.72	ng		0.00
7) Phenol-d6	6.77	99	1036477	82.53	ng		0.00
23) Nitrobenzene-d5	8.73	82	1019528	82.93	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	348062	80.66	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	2089938	77.97	ng		0.00
79) Terphenyl-d14	19.59	244	2923487	83.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	188383	43.357	ng		100
3) Pyridine	3.53	79	532767	45.115	ng		97
4) n-Nitrosodimethylamine	3.46	42	204121	41.944	ng		98
6) Aniline	6.92	93	696476	40.780	ng		98
8) 2-Chlorophenol	7.16	128	424625	40.037	ng		99
9) Benzaldehyde	6.73	77	280057	43.130	ng		95
10) Phenol	6.80	94	564705	41.460	ng		99
11) bis(2-Chloroethyl)ether	7.02	93	466054	40.983	ng		99
12) 1,3-Dichlorobenzene	7.47	146	485373	39.744	ng		97
13) 1,4-Dichlorobenzene	7.62	146	488085	39.723	ng		98
14) 1,2-Dichlorobenzene	7.93	146	466910	39.669	ng		98
15) Benzyl Alcohol	7.83	79	399852	41.080	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	666194	41.288	ng		100
17) 2-Methylphenol	8.03	107	409439	41.139	ng		99
18) Hexachloroethane	8.66	117	179790	40.165	ng		94
19) n-Nitroso-di-n-propylamine	8.39	70	355202	42.315	ng		99
20) 3+4-Methylphenols	8.36	107	557613	41.514	ng		95
22) Acetophenone	8.40	105	678276	41.123	ng	#	98
24) Nitrobenzene	8.77	77	545265	41.262	ng		99
25) Isophorone	9.30	82	1028709	41.086	ng		99
26) 2-Nitrophenol	9.48	139	233777	39.700	ng		96
27) 2,4-Dimethylphenol	9.56	122	371569	40.222	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	618809	41.493	ng		100
29) 2,4-Dichlorophenol	10.02	162	410338	39.460	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	456709	39.400	ng		100
31) Naphthalene	10.41	128	1360471	39.888	ng		99
32) Benzoic acid	9.70	122	245840	33.786	ng		99
33) 4-Chloroaniline	10.52	127	607918	40.828	ng		99
34) Hexachlorobutadiene	10.71	225	262823	38.854	ng		98
35) Caprolactam	11.28	113	147523	40.222	ng		92
36) 4-Chloro-3-methylphenol	11.66	107	456093	40.536	ng		98
37) 2-Methylnaphthalene	12.03	142	969919	40.065	ng		99
38) 1-Methylnaphthalene	12.25	142	911536	40.117	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	476199	40.080	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	237843	37.654 ng	99
43) 2,4,6-Trichlorophenol	12.66	196	328991	39.126 ng	98
44) 2,4,5-Trichlorophenol	12.73	196	380879	39.118 ng	98
46) 1,1'-Biphenyl	13.06	154	1171214	39.649 ng	100
47) 2-Chloronaphthalene	13.10	162	955440	39.542 ng	99
48) 2-Nitroaniline	13.30	65	328429	42.579 ng	98
49) Acenaphthylene	13.95	152	1524908	39.540 ng	99
50) Dimethylphthalate	13.70	163	1219630	39.491 ng	100
51) 2,6-Dinitrotoluene	13.81	165	271548	40.487 ng	94
52) Acenaphthene	14.30	154	902266	39.937 ng	98
53) 3-Nitroaniline	14.14	138	303533	39.634 ng	99
54) 2,4-Dinitrophenol	14.35	184	139131	36.751 ng	99
55) Dibenzofuran	14.64	168	1450307	39.872 ng	99
56) 4-Nitrophenol	14.46	139	237645	39.082 ng	98
57) 2,4-Dinitrotoluene	14.60	165	366850	40.183 ng	95
58) Fluorene	15.29	166	1073385	37.517 ng	96
59) 2,3,4,6-Tetrachlorophenol	14.87	232	299457	38.744 ng	98
60) Diethylphthalate	15.09	149	1210993	39.134 ng	100
61) 4-Chlorophenyl-phenylether	15.30	204	556950	38.734 ng	96
62) 4-Nitroaniline	15.31	138	299086	40.645 ng	97
63) Azobenzene	15.59	77	1278789	41.516 ng	97
65) 4,6-Dinitro-2-methylphenol	15.38	198	196396	38.844 ng	97
66) n-Nitrosodiphenylamine	15.51	169	1013998	41.428 ng	98
67) 4-Bromophenyl-phenylether	16.19	248	375749	41.398 ng	100
68) Hexachlorobenzene	16.30	284	388456	40.332 ng	97
69) Atrazine	16.47	200	303632	38.027 ng	100
70) Pentachlorophenol	16.65	266	231030	40.093 ng	97
71) Phenanthrene	17.03	178	1840151	41.057 ng	99
72) Anthracene	17.13	178	1838576	41.294 ng	99
73) Carbazole	17.40	167	1768861	40.385 ng	99
74) Di-n-butylphthalate	17.99	149	2079828	40.125 ng	99
75) Fluoranthene	19.02	202	2177386	40.699 ng	99
77) Benzidine	19.20	184	696177	34.683 ng	99
78) Pyrene	19.37	202	2250339	40.898 ng	98
80) Butylbenzylphthalate	20.27	149	946564	38.699 ng	99
81) Benzo(a)anthracene	21.09	228	2041369	39.812 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	750068	39.362 ng	99
83) Chrysene	21.13	228	1955751	40.259 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1405110	39.492 ng	99
85) Di-n-octyl phthalate	21.91	149	2414469	38.690 ng	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	2437127	39.530 ng	99
88) Benzo(b)fluoranthene	22.64	252	2125594	39.988 ng	98
89) Benzo(k)fluoranthene	22.69	252	2077159	41.127 ng	99
90) Benzo(a)pyrene	23.20	252	2000889	40.167 ng	99
91) Dibenzo(a,h)anthracene	25.53	278	1969975	39.834 ng	99
92) Benzo(g,h,i)perylene	26.18	276	1977691	38.611 ng	98

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

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