Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072420\
Data File : BP002853.D
Acq On : 24 Jul 2020 09:53
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 24 10:23:29 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	7.54	152	165318	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	600229	20.00	ng	-0.02
39) Acenaphthene-d10	14.19	164	354102	20.00	ng	-0.02
64) Phenanthrene-d10	16.96	188	743312	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	658464	20.00	ng	0.00
86) Perylene-d12	23.26	264	725120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	795632	81.20	ng	-0.01
7) Phenol-d6	6.75	99	1070028	76.52	ng	0.00
23) Nitrobenzene-d5	8.69	82	946917	84.38	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	293643	79.44	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1723544	75.30	ng	-0.01
79) Terphenyl-d14	19.55	244	2206791	76.84	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	188428	44.109	ng	99
3) Pyridine	3.50	79	531711	41.765	ng	99
4) n-Nitrosodimethylamine	3.42	42	213835	44.587	ng	93
6) Aniline	6.88	93	667884	37.727	ng	98
8) 2-Chlorophenol	7.12	128	416630	38.217	ng	98
9) Benzaldehyde	6.69	77	293050	38.571	ng	97
10) Phenol	6.78	94	548640	38.299	ng	97
11) bis(2-Chloroethyl)ether	6.98	93	449853	37.756	ng	99
12) 1,3-Dichlorobenzene	7.43	146	477708	38.214	ng	98
13) 1,4-Dichlorobenzene	7.58	146	476114	37.951	ng	99
14) 1,2-Dichlorobenzene	7.89	146	449047	37.117	ng	98
15) Benzyl Alcohol	7.79	79	385684	41.215	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.08	45	638836	37.281	ng	99
17) 2-Methylphenol	8.00	107	383960	37.623	ng	97
18) Hexachloroethane	8.60	117	179475	40.390	ng	95
19) n-Nitroso-di-n-propylamine	8.35	70	311055	36.527	ng	99
20) 3+4-Methylphenols	8.33	107	499383	37.007	ng	97
22) Acetophenone	8.36	105	578761	39.113	ng	98
24) Nitrobenzene	8.73	77	507416	41.748	ng	99
25) Isophorone	9.26	82	940438	41.116	ng	99
26) 2-Nitrophenol	9.44	139	233850	44.547	ng	99
27) 2,4-Dimethylphenol	9.52	122	339727	39.861	ng	98
28) bis(2-Chloroethoxy)methane	9.74	93	554650	39.923	ng	99
29) 2,4-Dichlorophenol	9.99	162	383359	40.799	ng	99
30) 1,2,4-Trichlorobenzene	10.18	180	428049	39.772	ng	100
31) Naphthalene	10.36	128	1241812	39.187	ng	99
32) Benzoic acid	9.73	122	208179m	33.990	ng	
33) 4-Chloroaniline	10.48	127	540382	39.795	ng	98
34) Hexachlorobutadiene	10.66	225	255932	41.142	ng	98
35) Caprolactam	11.27	113	133523	40.642	ng	98
36) 4-Chloro-3-methylphenol	11.64	107	406500	40.135	ng	99
37) 2-Methylnaphthalene	11.99	142	855268	38.247	ng	99
38) 1-Methylnaphthalene	12.21	142	810830	38.336	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	435692	40.036	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	196688	44.445	ng		98
43) 2,4,6-Trichlorophenol	12.63	196	282007	40.485	ng		98
44) 2,4,5-Trichlorophenol	12.71	196	315162	39.009	ng		97
46) 1,1'-Biphenyl	13.02	154	1012722	38.362	ng		99
47) 2-Chloronaphthalene	13.06	162	826358	38.539	ng		98
48) 2-Nitroaniline	13.27	65	295181	44.536	ng		97
49) Acenaphthylene	13.92	152	1307117	38.670	ng		99
50) Dimethylphthalate	13.67	163	1038929	38.471	ng		100
51) 2,6-Dinitrotoluene	13.78	165	235137	40.671	ng		93
52) Acenaphthene	14.26	154	771963	38.214	ng		96
53) 3-Nitroaniline	14.12	138	268377	41.490	ng		96
54) 2,4-Dinitrophenol	14.35	184	149710	51.195	ng		96
55) Dibenzofuran	14.60	168	1186760	36.629	ng		97
56) 4-Nitrophenol	14.47	139	215481	43.960	ng		96
57) 2,4-Dinitrotoluene	14.59	165	308433	40.508	ng	#	87
58) Fluorene	15.26	166	886100	36.962	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	252581	39.661	ng		98
60) Diethylphthalate	15.05	149	1011132	38.618	ng		100
61) 4-Chlorophenyl-phenylether	15.25	204	475611	37.338	ng		97
62) 4-Nitroaniline	15.29	138	273676	39.845	ng		96
63) Azobenzene	15.55	77	1072565	39.840	ng		98
65) 4,6-Dinitro-2-methylphenol	15.37	198	180761	41.487	ng		91
66) n-Nitrosodiphenylamine	15.47	169	843866	38.431	ng		98
67) 4-Bromophenyl-phenylether	16.15	248	324969	40.135	ng		97
68) Hexachlorobenzene	16.27	284	331481	38.856	ng		94
69) Atrazine	16.44	200	218828	36.505	ng		99
70) Pentachlorophenol	16.63	266	152493	40.962	ng		95
71) Phenanthrene	17.00	178	1543608	38.355	ng		100
72) Anthracene	17.09	178	1557278	39.432	ng		99
73) Carbazole	17.37	167	1489741	38.440	ng		99
74) Di-n-butylphthalate	17.94	149	1773624	42.198	ng		99
75) Fluoranthene	18.99	202	1873071	40.166	ng		98
77) Benzidine	19.17	184	694159	42.531	ng		100
78) Pyrene	19.34	202	1858908	40.889	ng		99
80) Butylbenzylphthalate	20.23	149	857774	47.813	ng		98
81) Benzo(a)anthracene	21.06	228	1669358	39.165	ng		100
82) 3,3'-Dichlorobenzidine	20.99	252	609946	43.209	ng		95
83) Chrysene	21.11	228	1592332	39.246	ng		98
84) Bis(2-ethylhexyl)phthalate	21.00	149	1064550	42.664	ng		99
85) Di-n-octyl phthalate	21.86	149	2059014	45.898	ng		99
87) Indeno(1,2,3-cd)pyrene	25.47	276	2142120	40.873	ng		98
88) Benzo(b)fluoranthene	22.61	252	1849153	41.069	ng		99
89) Benzo(k)fluoranthene	22.65	252	1697478	38.274	ng		98
90) Benzo(a)pyrene	23.17	252	1724228	40.411	ng		99
91) Dibenzo(a,h)anthracene	25.48	278	1713794	40.547	ng		99
92) Benzo(g,h,i)perylene	26.14	276	1771304	41.334	ng		99

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

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