Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002871.D
Acq On : 30 Jul 2020 10:59
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC005

Quant Time: Jul 30 15:31:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 13:10:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	423033	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1684442	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	1019412	20.00	ng		0.00
64) Phenanthrene-d10	17.11	188	2159921	20.00	ng		0.00
76) Chrysene-d12	21.20	240	2198383	20.00	ng		0.00
86) Perylene-d12	23.47	264	2180433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	270951	10.81	ng		0.00
7) Phenol-d6	6.88	99	372223	10.40	ng		-0.01
23) Nitrobenzene-d5	8.86	82	264523	8.40	ng		0.00
42) 2,4,6-Tribromophenol	15.85	330	104030	9.78	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	753085	11.43	ng		0.00
79) Terphenyl-d14	19.69	244	1129840	11.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	58814	5.380	ng	#	96
3) Pyridine	3.66	79	153922	4.725	ng		98
4) n-Nitrosodimethylamine	3.57	42	45391	3.699	ng	#	88
6) Aniline	7.05	93	216974	4.790	ng		99
8) 2-Chlorophenol	7.28	128	144399	5.176	ng		100
9) Benzaldehyde	6.86	77	109555	5.635	ng		97
10) Phenol	6.91	94	190980	5.210	ng		99
11) bis(2-Chloroethyl)ether	7.15	93	147173	4.827	ng		97
12) 1,3-Dichlorobenzene	7.61	146	166327	5.200	ng		99
13) 1,4-Dichlorobenzene	7.75	146	170294	5.305	ng		99
14) 1,2-Dichlorobenzene	8.07	146	163450	5.280	ng		99
15) Benzyl Alcohol	7.95	79	119347	4.984	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	140232	3.198	ng		99
17) 2-Methylphenol	8.16	107	121305	4.645	ng		100
18) Hexachloroethane	8.80	117	56864	5.001	ng		93
19) n-Nitroso-di-n-propylamine	8.52	70	105392	4.836	ng		97
20) 3+4-Methylphenols	8.48	107	159087	4.607	ng		98
22) Acetophenone	8.53	105	221404	5.332	ng		97
24) Nitrobenzene	8.90	77	147048	4.311	ng		96
25) Isophorone	9.43	82	293764	4.577	ng		98
26) 2-Nitrophenol	9.61	139	43769	2.971	ng		97
27) 2,4-Dimethylphenol	9.68	122	117049	4.894	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	171232	4.392	ng		99
29) 2,4-Dichlorophenol	10.15	162	119439	4.530	ng		98
30) 1,2,4-Trichlorobenzene	10.36	180	153955	5.097	ng		98
31) Naphthalene	10.55	128	462510	5.201	ng		99
33) 4-Chloroaniline	10.65	127	181399	4.760	ng		98
34) Hexachlorobutadiene	10.86	225	93040	5.330	ng		99
35) Caprolactam	11.38	113	33135	3.594	ng		90
36) 4-Chloro-3-methylphenol	11.78	107	124026	4.363	ng		100
37) 2-Methylnaphthalene	12.17	142	322057	5.132	ng		99
38) 1-Methylnaphthalene	12.39	142	305158	5.141	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	169397	5.407	ng		98
41) Hexachlorocyclopentadiene	12.53	237	78686	6.977	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.78	196	88234	4.400	ng		99
44) 2,4,5-Trichlorophenol	12.85	196	98056	4.216	ng		96
46) 1,1'-Biphenyl	13.19	154	408496	5.375	ng		99
47) 2-Chloronaphthalene	13.22	162	318460	5.159	ng		98
48) 2-Nitroaniline	13.42	65	48838	2.560	ng		92
49) Acenaphthylene	14.07	152	487897	5.014	ng		99
50) Dimethylphthalate	13.82	163	370868	4.770	ng		100
51) 2,6-Dinitrotoluene	13.92	165	57840	3.475	ng		98
52) Acenaphthene	14.42	154	308987	5.313	ng		99
53) 3-Nitroaniline	14.25	138	58280	3.130	ng	#	95
55) Dibenzofuran	14.76	168	499854	5.359	ng		97
57) 2,4-Dinitrotoluene	14.71	165	65048	2.968	ng		90
58) Fluorene	15.41	166	387953	5.621	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	78934	4.305	ng		99
60) Diethylphthalate	15.19	149	365160	4.844	ng		98
61) 4-Chlorophenyl-phenylether	15.41	204	198887	5.424	ng		98
62) 4-Nitroaniline	15.40	138	58243	3.160	ng		91
63) Azobenzene	15.70	77	362961	4.683	ng		98
66) n-Nitrosodiphenylamine	15.62	169	334475	5.242	ng		99
67) 4-Bromophenyl-phenylether	16.30	248	118602	5.041	ng		97
68) Hexachlorobenzene	16.42	284	140623	5.673	ng		98
69) Atrazine	16.58	200	104346	5.990	ng		100
71) Phenanthrene	17.15	178	615108	5.260	ng		98
72) Anthracene	17.24	178	588234	5.126	ng		98
73) Carbazole	17.51	167	572449	5.083	ng		98
74) Di-n-butylphthalate	18.09	149	554106	4.537	ng		99
75) Fluoranthene	19.13	202	695900	5.136	ng		97
77) Benzidine	19.30	184	275043	5.047	ng		99
78) Pyrene	19.47	202	716225	4.719	ng		97
80) Butylbenzylphthalate	20.37	149	201631	3.366	ng		96
81) Benzo(a)anthracene	21.19	228	713521	5.014	ng		96
82) 3,3'-Dichlorobenzidine	21.12	252	222653	4.724	ng		99
83) Chrysene	21.24	228	680129	5.021	ng		97
84) Bis(2-ethylhexyl)phthalate	21.15	149	325255	3.904	ng		97
87) Indeno(1,2,3-cd)pyrene	25.78	276	738691	4.687	ng		99
88) Benzo(b)fluoranthene	22.79	252	689166	5.090	ng		98
89) Benzo(k)fluoranthene	22.83	252	645990	4.844	ng		98
90) Benzo(a)pyrene	23.37	252	598079	4.662	ng		99
91) Dibenzo(a,h)anthracene	25.80	278	634929	4.996	ng		99
92) Benzo(g,h,i)perylene	26.47	276	619649	4.809	ng		98

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

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