Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027167.D
Acq On : 21 Aug 2020 12:34
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Aug 21 14:03:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 13:56:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	78587	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	287744	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	205819	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	496476	20.00	ng	0.00
76) Chrysene-d12	21.20	240	569250	20.00	ng	0.00
86) Perylene-d12	23.39	264	569903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	314580	66.12	ng	0.00
7) Phenol-d6	6.80	99	321488	43.46	ng	0.00
23) Nitrobenzene-d5	8.76	82	514669	75.82	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	251169	84.47	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1114644	71.76	ng	0.00
79) Terphenyl-d14	19.64	244	2317515	77.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	70497	31.056	ng	100
3) Pyridine	3.59	79	208195	31.719	ng	100
4) n-Nitrosodimethylamine	3.50	42	87896	23.544	ng	100
6) Aniline	6.95	93	178826	19.623	ng	100
8) 2-Chlorophenol	7.19	128	121442	21.937	ng	100
9) Benzaldehyde	6.76	77	106872	26.439	ng	100
10) Phenol	6.82	94	149569	20.415	ng	100
11) bis(2-Chloroethyl)ether	7.05	93	122072	20.084	ng	100
12) 1,3-Dichlorobenzene	7.50	146	213446	35.128	ng	100
13) 1,4-Dichlorobenzene	7.65	146	217628	35.169	ng	100
14) 1,2-Dichlorobenzene	7.96	146	205684	33.549	ng	100
15) Benzyl Alcohol	7.85	79	189935	30.104	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.15	45	130134	10.429	ng	100
17) 2-Methylphenol	8.06	107	136953	24.951	ng	100
18) Hexachloroethane	8.69	117	87168	35.639	ng	100
19) n-Nitroso-di-n-propylamine	8.42	70	161392	26.536	ng	100
20) 3+4-Methylphenols	8.38	107	186346	24.457	ng	100
22) Acetophenone	8.43	105	282226	34.403	ng	100
24) Nitrobenzene	8.80	77	257852	36.518	ng	100
25) Isophorone	9.33	82	385597	29.901	ng	100
26) 2-Nitrophenol	9.50	139	82364	30.846	ng	100
27) 2,4-Dimethylphenol	9.57	122	127888	30.101	ng	100
28) bis(2-Chloroethoxy)methane	9.81	93	234860	33.037	ng	100
29) 2,4-Dichlorophenol	10.04	162	178837	38.147	ng	100
30) 1,2,4-Trichlorobenzene	10.25	180	226473	43.135	ng	100
31) Naphthalene	10.43	128	533852	33.307	ng	100
32) Benzoic acid	9.70	122	101929	31.038	ng	100
33) 4-Chloroaniline	10.55	127	230439	33.054	ng	100
34) Hexachlorobutadiene	10.73	225	157728	45.289	ng	100
35) Caprolactam	11.31	113	51973	31.637	ng	100
36) 4-Chloro-3-methylphenol	11.67	107	191787	32.770	ng	100
37) 2-Methylnaphthalene	12.05	142	412770	35.032	ng	100
38) 1-Methylnaphthalene	12.27	142	394285	35.043	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	254889	37.874	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	145629	44.561 ng	100
43) 2,4,6-Trichlorophenol	12.67	196	163697	37.134 ng	100
44) 2,4,5-Trichlorophenol	12.75	196	171653	33.410 ng	100
46) 1,1'-Biphenyl	13.08	154	558143	34.028 ng	100
47) 2-Chloronaphthalene	13.12	162	470337	35.698 ng	100
48) 2-Nitroaniline	13.32	65	162780	30.261 ng	100
49) Acenaphthylene	13.97	152	690435	32.813 ng	100
50) Dimethylphthalate	13.72	163	619871	35.589 ng	100
51) 2,6-Dinitrotoluene	13.83	165	129027	34.312 ng	100
52) Acenaphthene	14.32	154	437273	34.260 ng	100
53) 3-Nitroaniline	14.15	138	132044	33.612 ng	100
54) 2,4-Dinitrophenol	14.36	184	67099	29.703 ng	100
55) Dibenzofuran	14.65	168	724536	34.833 ng	100
56) 4-Nitrophenol	14.46	139	101577	33.315 ng	100
57) 2,4-Dinitrotoluene	14.62	165	183314	34.298 ng	100
58) Fluorene	15.30	166	605904	35.286 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.88	232	174279	39.044 ng	100
60) Diethylphthalate	15.09	149	634273	34.587 ng	100
61) 4-Chlorophenyl-phenylether	15.30	204	335518	36.008 ng	100
62) 4-Nitroaniline	15.32	138	146900	37.030 ng	100
63) Azobenzene	15.60	77	656888	32.674 ng	100
65) 4,6-Dinitro-2-methylphenol	15.39	198	91356	26.335 ng	100
66) n-Nitrosodiphenylamine	15.52	169	523967	32.760 ng	100
67) 4-Bromophenyl-phenylether	16.20	248	218135	35.229 ng	100
68) Hexachlorobenzene	16.31	284	257459	39.710 ng	100
69) Atrazine	16.47	200	199173	41.902 ng	100
70) Pentachlorophenol	16.65	266	145320	38.769 ng	100
71) Phenanthrene	17.04	178	1031152	35.134 ng	100
72) Anthracene	17.13	178	993449	33.985 ng	100
73) Carbazole	17.40	167	921080	33.367 ng	100
74) Di-n-butylphthalate	17.98	149	1089281	31.551 ng	100
75) Fluoranthene	19.06	202	1286446	36.260 ng	100
77) Benzidine	19.24	184	431479	41.026 ng	100
78) Pyrene	19.42	202	1335566	35.898 ng	100
80) Butylbenzylphthalate	20.34	149	514382	31.333 ng	100
81) Benzo(a)anthracene	21.18	228	1403085	36.569 ng	100
82) 3,3'-Dichlorobenzidine	21.12	252	503549	42.061 ng	100
83) Chrysene	21.23	228	1341470	36.195 ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	741162	29.104 ng	100
85) Di-n-octyl phthalate	22.00	149	1214263	28.692 ng	100
87) Indeno(1,2,3-cd)pyrene	25.57	276	1605083	42.410 ng	100
88) Benzo(b)fluoranthene	22.73	252	1481140	38.207 ng	100
89) Benzo(k)fluoranthene	22.78	252	1399439	36.845 ng	100
90) Benzo(a)pyrene	23.29	252	1321626	37.826 ng	100
91) Dibenzo(a,h)anthracene	25.59	278	1323723	41.392 ng	100
92) Benzo(g,h,i)perylene	26.24	276	1268020	43.056 ng	100

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

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